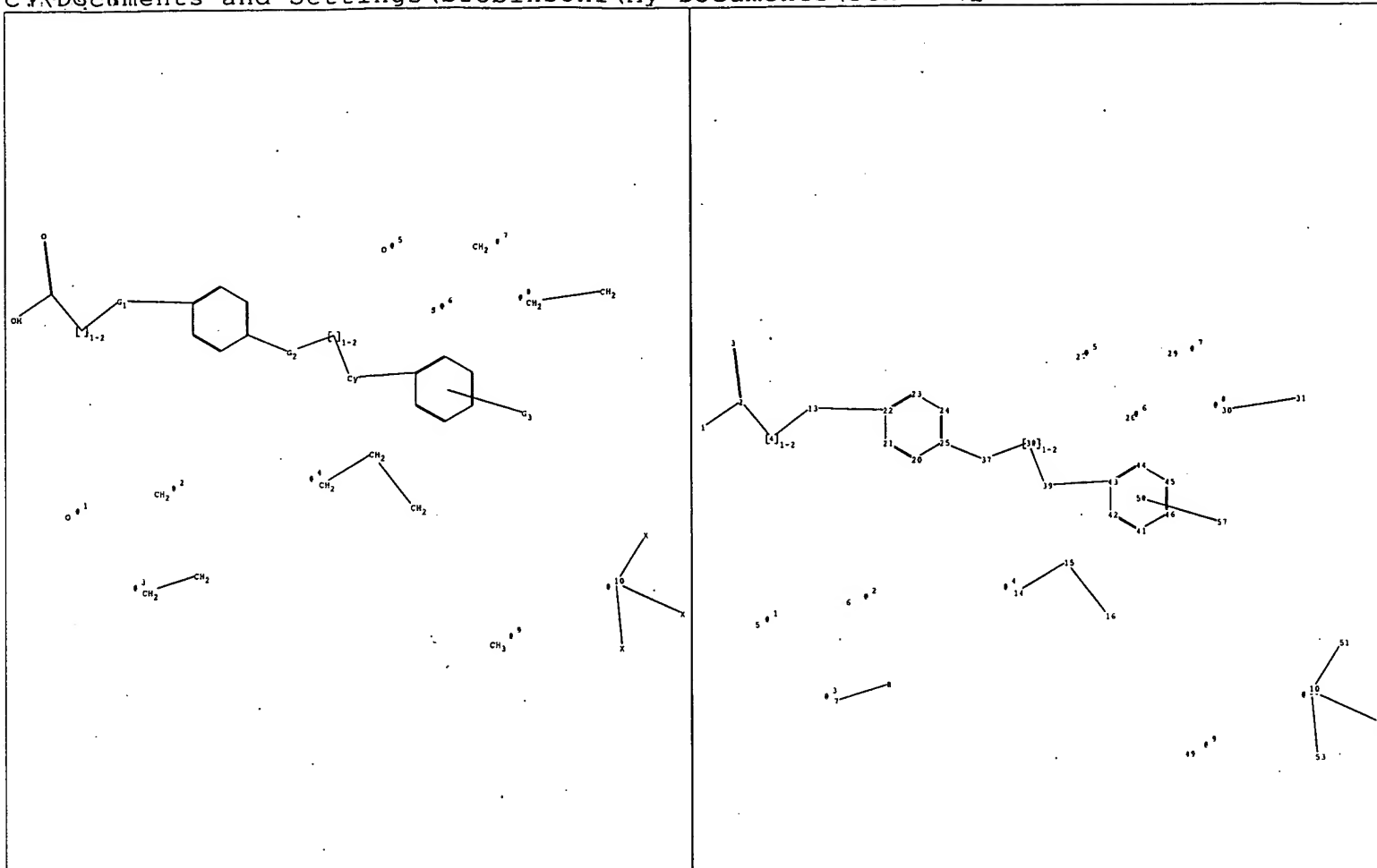


EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2396	((562/465) or (562/471) or (514/683) or (546/339) or (514/277)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/27 11:17
L2	0	1 and phenylalkanoic and acid and phenyloxyalkanoic and acid	US-PGPUB; USPAT	OR	OFF	2006/11/27 11:17



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chain nodes :
  1  2  3  4  5  6  7  8  13  14  15  16  27  28  29  30  31  37  38  39  49
  50 51 52 53 57
ring nodes :
  20 21 22 23 24 25 41 42 43 44 45 46
chain bonds :
  1-2 2-3 2-4 4-13 7-8 13-22 14-15 15-16 25-37 30-31 37-38 38-39
  39-43 50-51 50-52 50-53
ring bonds :
  20-21 20-25 21-22 22-23 23-24 24-25 41-42 41-46 42-43 43-44 44-45
  45-46
exact/norm bonds :
  4-13 13-22 25-37 37-38 38-39 39-43
exact bonds :
  2-4 7-8 14-15 15-16 30-31 50-51 50-52 50-53
normalized bonds :
  1-2 2-3 20-21 20-25 21-22 22-23 23-24 24-25 41-42 41-46 42-43
  43-44 44-45 45-46
isolated ring systems :
  containing 20 : 41 :

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G1:[*1],[*2],[*3],[*4]

G2:[*5],[*6],[*7],[*8]

G3:X,[*9],[*10]

Match level :

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1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS
13:CLASS 14:CLASS 15:CLASS 16:CLASS 20:Atom 21:Atom 22:Atom 23:Atom
24:Atom 25:Atom 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS
37:CLASS 38:CLASS 39:Atom 41:Atom 42:Atom 43:Atom 44:Atom 45:Atom
46:Atom 49:CLASS 50:CLASS 51:CLASS 52:CLASS 53:CLASS 57:CLASS
58:Atom

```

Generic attributes :

39:

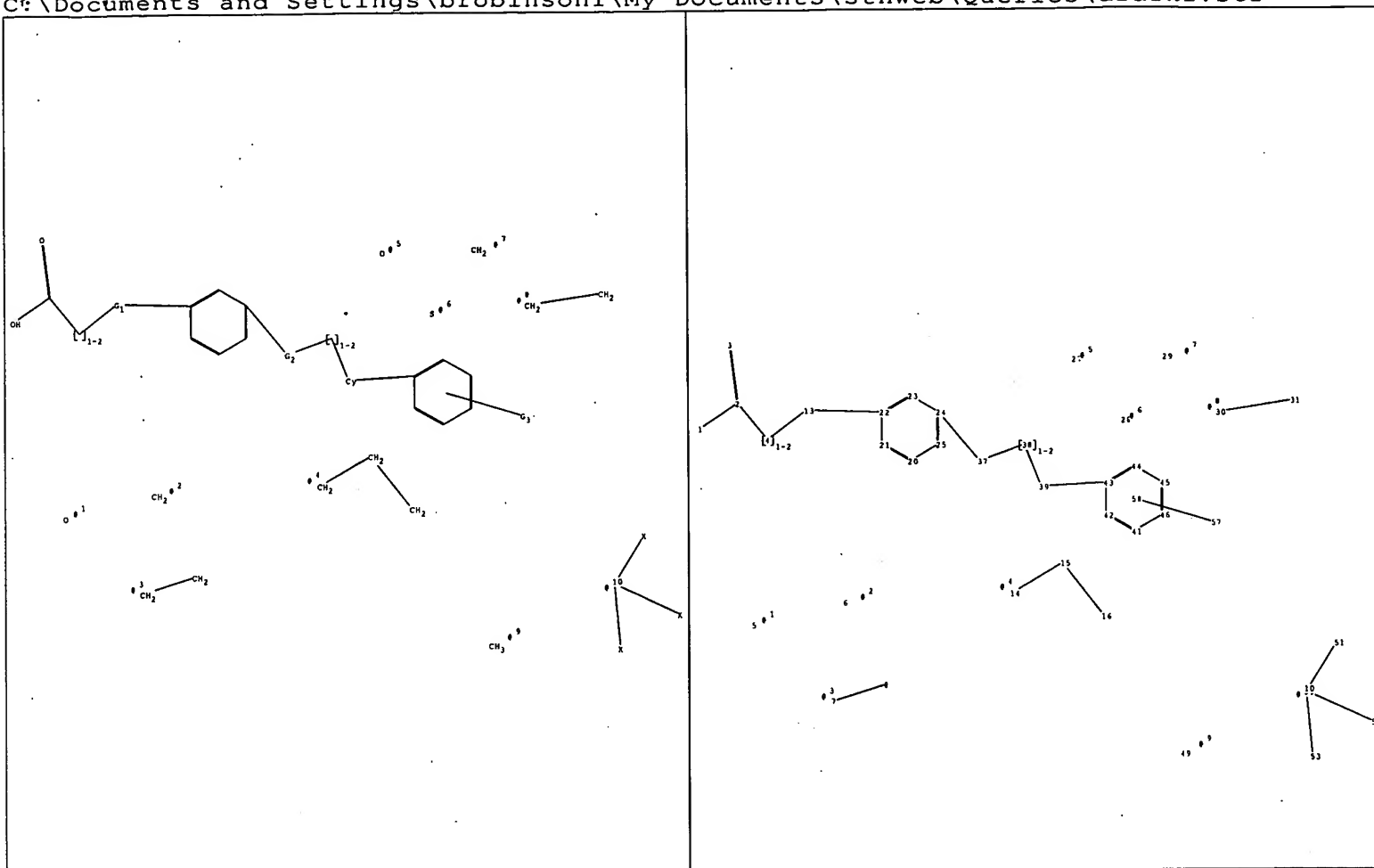
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Number of Carbon Atoms : less than 7
Type of Ring System : Monocyclic

Element Count :

Node 39: Limited

C,C5-6

N,N0-1



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chain nodes :
  1  2  3  4  5  6  7  8  13  14  15  16  27  28  29  30  31  37  38  39  49
  50  51  52  53  57
ring nodes :
  20  21  22  23  24  25  41  42  43  44  45  46
chain bonds :
  1-2  2-3  2-4  4-13  7-8  13-22  14-15  15-16  24-37  30-31  37-38  38-39
  39-43  50-51  50-52  50-53
ring bonds :
  20-21  20-25  21-22  22-23  23-24  24-25  41-42  41-46  42-43  43-44  44-45
  45-46
exact/norm. bonds :
  4-13  13-22  24-37  37-38  38-39  39-43
exact bonds :
  2-4  7-8  14-15  15-16  30-31  50-51  50-52  50-53
normalized bonds :
  1-2  2-3  20-21  20-25  21-22  22-23  23-24  24-25  41-42  41-46  42-43
  43-44  44-45  45-46
isolated ring systems :
  containing 20 : 41 :

```

G1:[*1],[*2],[*3],[*4]

G2:[*5],[*6],[*7],[*8]

G3:X,[*9],[*10]

Match level :

```

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS
13:CLASS 14:CLASS 15:CLASS 16:CLASS 20:Atom 21:Atom 22:Atom 23:Atom
24:Atom 25:Atom 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS
37:CLASS 38:CLASS 39:Atom 41:Atom 42:Atom 43:Atom 44:Atom 45:Atom
46:Atom 49:CLASS 50:CLASS 51:CLASS 52:CLASS 53:CLASS 57:CLASS
58:Atom

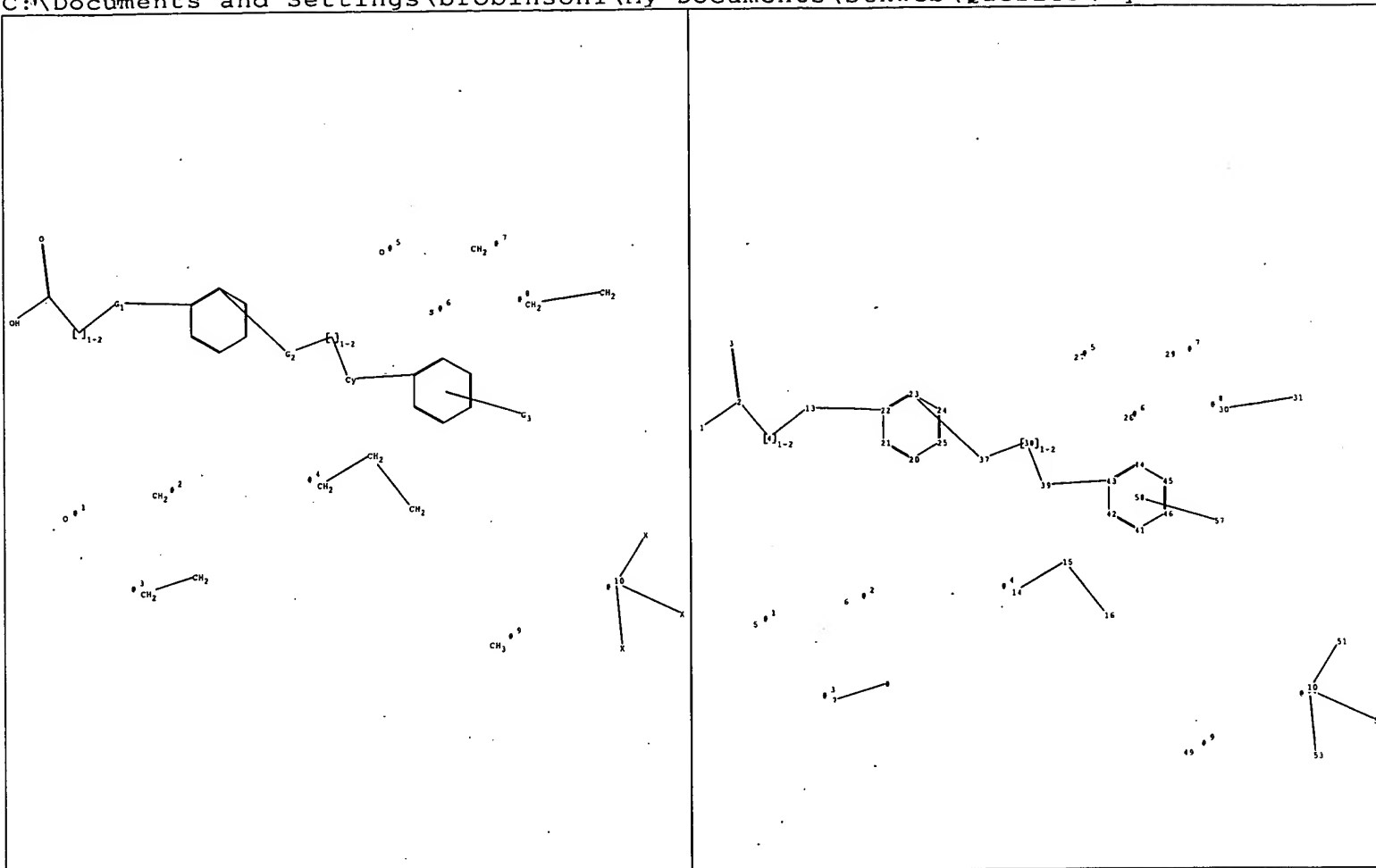
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Generic attributes :

39: .
Saturation : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System : Monocyclic

Element Count :

Node 39: Limited
C,C5-6
N,N0-1



```

chain nodes :
  1  2  3  4  5  6  7  8  13  14  15  16  27  28  29  30  31  37  38  39  49
  50  51  52  53  57
ring nodes :
  20  21  22  23  24  25  41  42  43  44  45  46
chain bonds :
  1-2  2-3  2-4  4-13  7-8  13-22  14-15  15-16  23-37  30-31  37-38  38-39
  39-43  50-51  50-52  50-53
ring bonds :
  20-21  20-25  21-22  22-23  23-24  24-25  41-42  41-46  42-43  43-44  44-45
  45-46
exact/norm bonds :
  4-13  13-22  23-37  37-38  38-39  39-43
exact bonds :
  2-4  7-8  14-15  15-16  30-31  50-51  50-52  50-53
normalized bonds :
  1-2  2-3  20-21  20-25  21-22  22-23  23-24  24-25  41-42  41-46  42-43
  43-44  44-45  45-46
isolated ring systems :
  containing 20 : 41 :

```

G1:[*1],[*2],[*3],[*4]

G2:[*5],[*6],[*7],[*8]

G3:X,[*9],[*10]

Match level :

```

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS
13:CLASS 14:CLASS 15:CLASS 16:CLASS 20:Atom 21:Atom 22:Atom 23:Atom
24:Atom 25:Atom 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS
37:CLASS 38:CLASS 39:Atom 41:Atom 42:Atom 43:Atom 44:Atom 45:Atom
46:Atom 49:CLASS 50:CLASS 51:CLASS 52:CLASS 53:CLASS 57:CLASS
58:Atom

```

Generic attributes :

39:

Saturation : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System : Monocyclic

Element Count :

Node 39: Limited

C,C5-6

N,N0-1

10518679

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NEWS 4	AUG 28	ADISCTI Reloaded and Enhanced
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NEWS 16	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS 17	OCT 30	CHEMLIST enhanced with new search and display field
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NEWS 21	NOV 13	CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS 22	NOV 20	CAS Registry Number crossover limit increased to 300,000 in additional databases
NEWS 23	NOV 20	CA/CAplus to MARPAT accession number crossover limit increased to 50,000
NEWS 24	NOV 20	CA/CAplus patent kind codes will be updated
NEWS EXPRESS	NOVEMBER 10	CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
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SESSION

FULL ESTIMATED COST

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0.21

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=>

Uploading C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\errol.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 01:24:48 FILE 'REGISTRY'

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SAMPLE SCREEN SEARCH COMPLETED - 44386 TO ITERATE

4.5% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 875143 TO 900297
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s 11 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 166.50 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
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FULL SCREEN SEARCH COMPLETED - 888904 TO ITERATE

98.8% PROCESSED 878586 ITERATIONS

320 ANSWERS

100.0% PROCESSED 888904 ITERATIONS
SEARCH TIME: 00.00.25

403 ANSWERS

L3 403 SEA SSS FUL L1

=> file hcaplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
173.10	173.31

FULL ESTIMATED COST

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FILE LAST UPDATED: 26 Nov 2006 (20061126/ED)

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=> s 13

L4 20 L3

=> s 14 and stevenage, r?/au

Updated Search

10518679

L5 0 STEVENAGE, R?/AU
0 L4 AND STEVENAGE, R?/AU

=> s 14 and beswick, p?/au
57 BESWICK, P?/AU
L6 1 L4 AND BESWICK, P?/AU

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L6 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:2698 HCAPLUS

DOCUMENT NUMBER: 140:59519

TITLE: Preparation of (biphenylalkoxy)- and
[(phenylpyridyl)alkoxy]-substituted phenylalkanoic
acids and phenoxyalkanoic acids as hPPAR activators
for treatment of cardiovascular disease and related
disorders

INVENTOR(S): Hamlett, Christopher Charles Frederick; Bell, Richard;
Beswick, Paul John; Gosmini, Romain Luc Marie;
King, Nigel Paul; Patel, Vipulkumar Kantibhai

PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA

SOURCE: PCT Int. Appl., 158 pp.

CODEN: PIXXD2

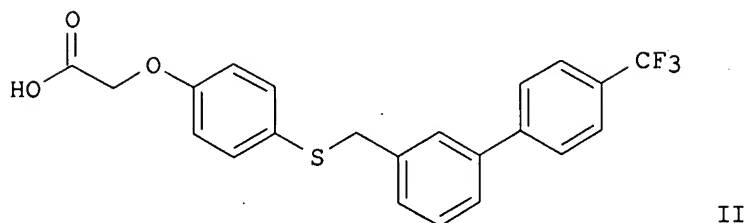
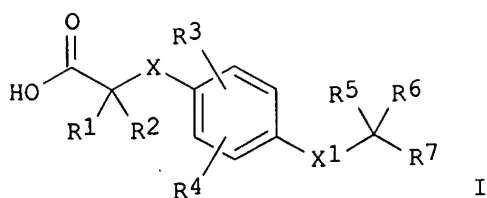
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2487909	AA	20031231	CA 2003-2487909	20030618
AU 2003245962	A1	20040106	AU 2003-245962	20030618
EP 1513526	A1	20050316	EP 2003-738056	20030618
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BR 2003011931	A	20050405	BR 2003-11931	20030618
CN 1674897	A	20050928	CN 2003-819290	20030618
JP 2005534672	T2	20051117	JP 2004-514761	20030618
NZ 537210	A	20060929	NZ 2003-537210	20030618
NO 2004005328	A	20050309	NO 2004-5328	20041203
US 2006089394	A1	20060427	US 2005-518679	20050816
PRIORITY APPLN. INFO.:			GB 2002-14149	A 20020619
			WO 2003-EP6415	W 20030618
OTHER SOURCE(S):		MARPAT 140:59519		
GI				



AB Title compds. I [wherein R1 and R2 = independently H or alkyl; X = O or (CH₂)_n; n = 0-2; R3 R4 = independently H, alkyl, OMe, CF₃, allyl, or halo; X1 = O, S, SO₂, SO, or CH₂; R5 and R6 = independently H; (halo)alkyl, or alkoxyalkyl; or CR₅R₆ = cycloalkyl; R7 = (un)substituted Ph or 6-membered heteroaryl; and pharmaceutically acceptable salts, solvates, and hydrolyzable esters thereof] were prepared as human peroxisome proliferator activated receptor (hPPAR) activators. For example, a mixture of 3-(bromomethyl)-4'-(trifluoromethyl)biphenyl, Et (4-mercapto-2-methylphenoxy)acetate, and polymer-supported diisopropylethylamine in DCM was stirred at room temperature overnight to give the thioether.

Saponification of the ester with aqueous NaOH in THF and acidification afforded II. Compds. of the invention showed at least 50% activation of hPPAR δ relative to the pos. control at concns. of 10⁻⁷ M or less. Thus, I and their pharmaceutical compns. are useful for the treatment of hPPAR mediated conditions, such as dyslipidemia, syndrome X, heart failure, hypercholesterolemia, cardiovascular disease, type II diabetes mellitus, type I diabetes, insulin resistance, hyperlipidemia, obesity, anorexia bulimia, or anorexia nervosa (no data).

IT 638215-22-2P, [[2-Methyl-4-[[[4'-(trifluoromethyl)biphenyl-3-yl)methyl]thio]phenyl]oxy]acetic acid 638215-23-3P, [[2-Methyl-4-[[[4-methyl-4'-(trifluoromethyl)biphenyl-3-yl)methyl]thio]phenyl]oxy]acetic acid 638215-24-4P, 3-[2-Methyl-4-[[[4'-(trifluoromethyl)biphenyl-3-yl)methyl]oxy]phenyl]propanoic acid 638215-25-5P, [[2-Methyl-4-[2-[4'-(trifluoromethyl)biphenyl-3-yl]ethyl]phenyl]oxy]acetic acid 638215-26-6P, [[2-Methyl-4-[[[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]methyl]thio]phenyl]oxy]acetic acid 638215-27-7P, [[2-Methyl-4-[[[1-[4'-(trifluoromethyl)biphenyl-3-yl]ethyl]thio]phenyl]oxy]acetic acid 638215-28-8P, [[2-Methyl-4-[[[1-[4'-(trifluoromethyl)biphenyl-4-yl]ethyl]thio]phenyl]oxy]acetic acid 638215-29-9P, 2-Methyl-2-[[2-methyl-4-[[[1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]phenyl]oxy]propanoic acid 638215-30-2P, [[2-Methyl-4-[[[1-[4'-(trifluoromethyl)biphenyl-3-yl]pentyl]oxy]phenyl]oxy]acetic acid 638215-31-3P, [[4-[[[1-(4'-Chlorobiphenyl-3-yl)pentyl]oxy]-2-methylphenyl]oxy]acetic acid

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 638215-34-6P, [[2-Methyl-4-[[1R)-1-[4'-(trifluoromethyl)biphenyl-4-yl]pentyl]thio]phenyl]oxy]acetic acid 638215-35-7P,
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(Ethyloxy)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638215-92-6P, [[4-[[[(1S)-1-[6-(4-Chlorophenyl)-2-pyridinyl]-2-(ethyloxy)ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638215-93-7P, [[4-[[[(1R)-2-(Ethyloxy)-1-[6-(3-fluoro-4-methylphenyl)-2-pyridinyl]ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638215-94-8P, [[4-[[[(1R)-2-(Ethyloxy)-1-[6-(4-methylphenyl)-2-pyridinyl]ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638215-96-0P, [[4-[[[(1R)-1-[6-(4-Cyano-3-fluorophenyl)-2-pyridinyl]-2-(ethyloxy)ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638215-98-2P, [[4-[[[(1R)-2-(Ethyloxy)-1-[6-(2-fluoro-4-methylphenyl)-2-pyridinyl]ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638215-99-3P, [[4-[[[(1R)-2-(Ethyloxy)-1-[6-(4-fluorophenyl)-2-pyridinyl]ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638216-01-0P, [[4-[[[(1R)-1-[6-(4-Chloro-3-methylphenyl)-2-pyridinyl]-2-(ethyloxy)ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638216-02-1P, [[4-[[[(1R)-1-[6-(3-Chloro-4-cyanophenyl)-2-pyridinyl]-2-(ethyloxy)ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638216-03-2P, [[4-[[[(1R)-1-[6-(4-Cyano-3-methylphenyl)-2-pyridinyl]-2-(ethyloxy)ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638216-04-3P, [[4-[[[(1R)-2-(Ethyloxy)-1-[6-[3-fluoro-4-(methyloxy)phenyl]-2-pyridinyl]ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638216-05-4P, [[4-[[[(1R)-1-[6-(4-Cyano-2-fluorophenyl)-2-pyridinyl]-2-(ethyloxy)ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638216-06-5P, [[4-[[[(1R)-1-[6-(4-Cyano-2-methylphenyl)-2-pyridinyl]-2-(ethyloxy)ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638216-07-6P, [[4-[[[(1S)-2-(Ethyloxy)-1-[6-(3-fluoro-4-methylphenyl)-2-pyridinyl]ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638216-08-7P, [[4-[[[(1S)-2-(Ethyloxy)-1-[6-(4-methylphenyl)-2-pyridinyl]ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638216-10-1P, [[4-[[[(1S)-1-[6-(4-Cyano-3-fluorophenyl)-2-pyridinyl]-2-(ethyloxy)ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638216-12-3P, [[4-[[[(1S)-2-(Ethyloxy)-1-[6-(2-fluoro-4-methylphenyl)-2-pyridinyl]ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638216-13-4P, [[4-[[[(1S)-2-(Ethyloxy)-1-[6-(4-fluorophenyl)-2-pyridinyl]ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638216-15-6P, [[4-[[[(1S)-1-[6-(4-Chloro-3-methylphenyl)-2-pyridinyl]-2-(ethyloxy)ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638216-16-7P, [[4-[[[(1S)-1-[6-(3-Chloro-4-cyanophenyl)-2-pyridinyl]-2-(ethyloxy)ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638216-17-8P, [[4-[[[(1S)-1-[6-(4-Cyano-3-methylphenyl)-2-pyridinyl]-2-(ethyloxy)ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638216-18-9P, [[4-[[[(1S)-2-(Ethyloxy)-1-[6-[3-fluoro-4-(methyloxy)phenyl]-2-pyridinyl]ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638216-19-0P, [[4-[[[(1S)-1-[6-(4-Cyano-2-fluorophenyl)-2-pyridinyl]-2-(ethyloxy)ethyl]oxy]-2-methylphenyl]oxy]acetic acid 638216-21-4P, 3-[2-Methyl-4-[[[(1S)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]phenyl]propanoic acid 638216-25-8P, 3-[4-[[[(1S)-1-[6-(4-Chlorophenyl)-2-pyridinyl]pentyl]oxy]-2-methylphenyl]propanoic acid 638216-26-9P, 3-[2-Methyl-4-[[[(1R)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]phenyl]propanoic acid 638216-30-5P, 3-[4-[[[(1R)-1-[6-(4-Chlorophenyl)-2-pyridinyl]pentyl]oxy]-2-methylphenyl]propanoic acid 638216-31-6P, 3-[3,5-Dimethyl-4-[[[1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]phenyl]propanoic acid 638216-32-7P, 3-[3-(Methyloxy)-5-propyl-4-[[[1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]phenyl]propanoic acid 638216-33-8P, 3-[3-Propyl-4-[[[1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]phenyl]propanoic acid 638216-34-9P, 3-[3-(Ethyloxy)-4-[[[1-[6-[4-(trifluoromethyl)phenyl]-2-

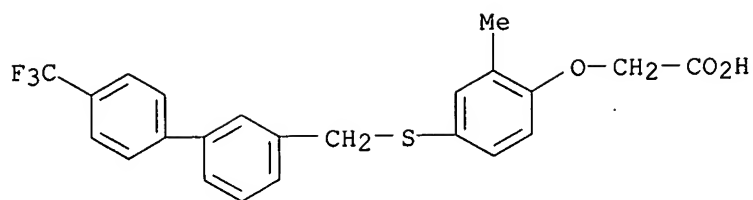
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 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(hPPAR activator; preparation of (aryloxy)phenylalkanoic acids and
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 cardiovascular disease and related disorders)

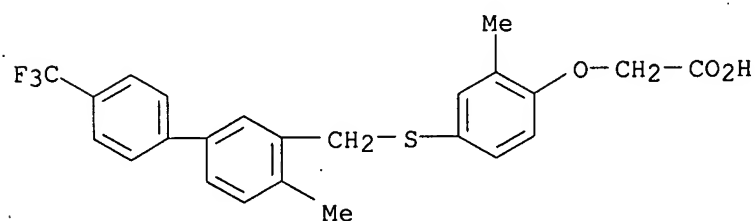
RN 638215-22-2 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-
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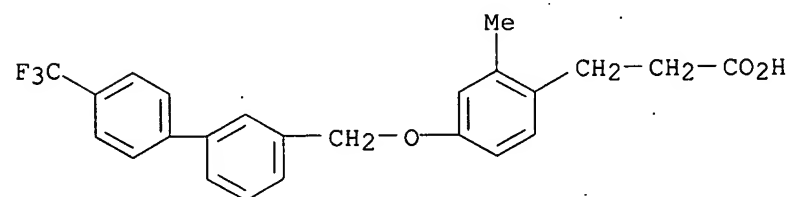
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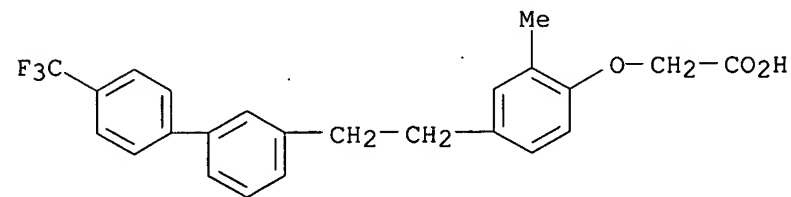
RN 638215-23-3 HCAPLUS
CN Acetic acid, [2-methyl-4-[[[4-methyl-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 638215-24-4 HCAPLUS
CN Benzenepropanoic acid, 2-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)

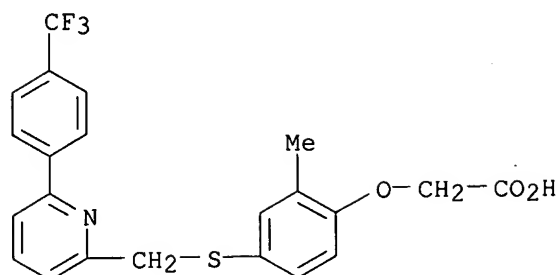


RN 638215-25-5 HCAPLUS
CN Acetic acid, [2-methyl-4-[2-[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]ethyl]phenoxy]- (9CI) (CA INDEX NAME)

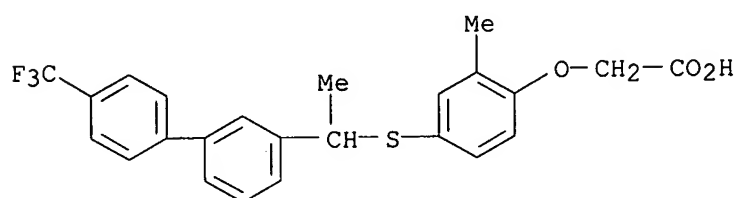


RN 638215-26-6 HCAPLUS
CN Acetic acid, [2-methyl-4-[[[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

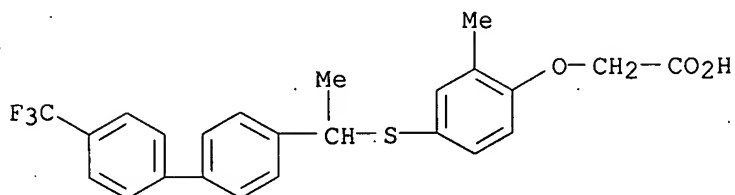
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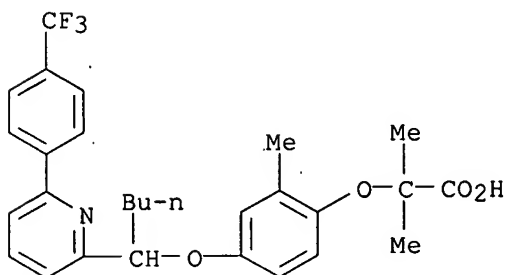
RN 638215-27-7 HCAPLUS
CN Acetic acid, [2-methyl-4-[[1-[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 638215-28-8 HCAPLUS
CN Acetic acid, [2-methyl-4-[[1-[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 638215-29-9 HCAPLUS
CN Propanoic acid, 2-methyl-2-[2-methyl-4-[[1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

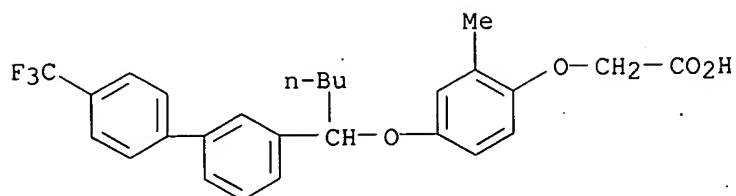


RN 638215-30-2 HCAPLUS
CN Acetic acid, [2-methyl-4-[[1-[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Updated Search

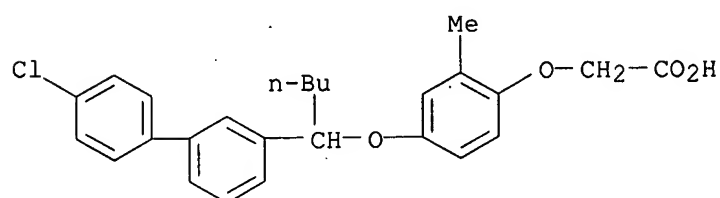
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yl]pentyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



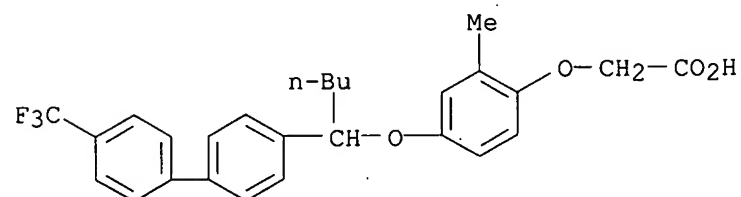
RN 638215-31-3 HCAPLUS

CN Acetic acid, [4-[[1-(4'-chloro[1,1'-biphenyl]-3-yl)pentyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



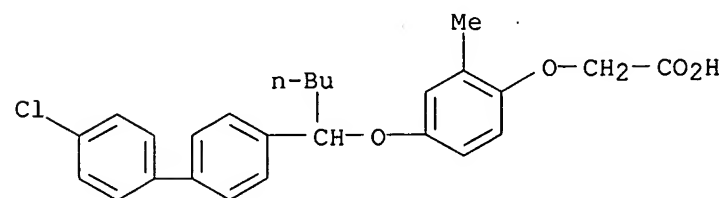
RN 638215-32-4 HCAPLUS

CN Acetic acid, [2-methyl-4-[[1-[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]pentyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 638215-33-5 HCAPLUS

CN Acetic acid, [4-[[1-(4'-chloro[1,1'-biphenyl]-4-yl)pentyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



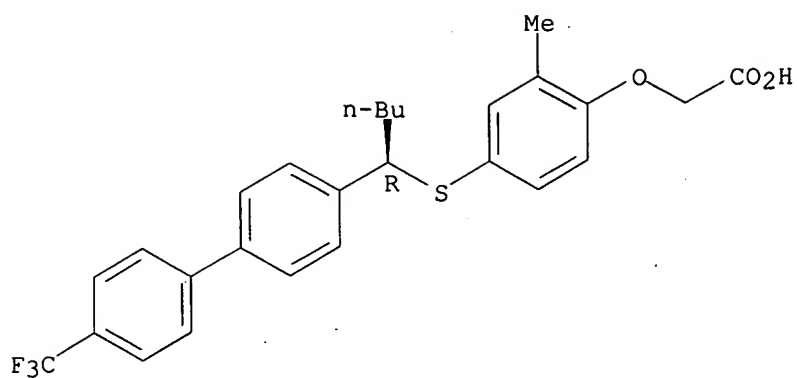
RN 638215-34-6 HCAPLUS

CN Acetic acid, [2-methyl-4-[[1-[(1R)-1-[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]pentyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

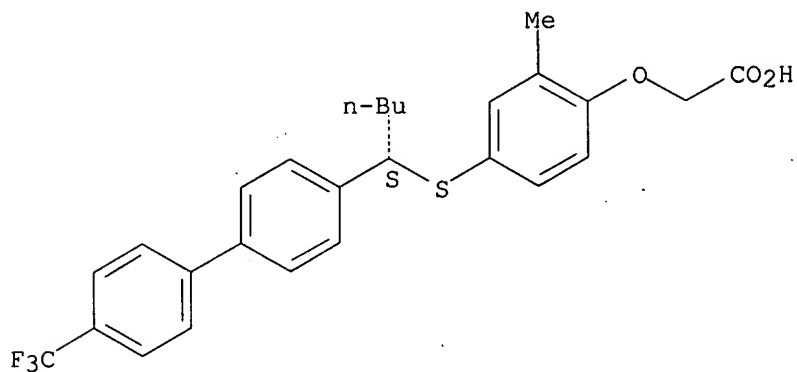
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RN 638215-35-7 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[(1S)-1-[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]pentyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



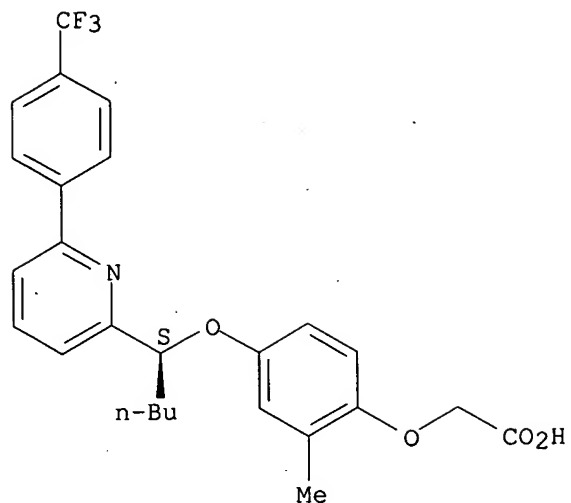
RN 638215-36-8 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[(1S)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

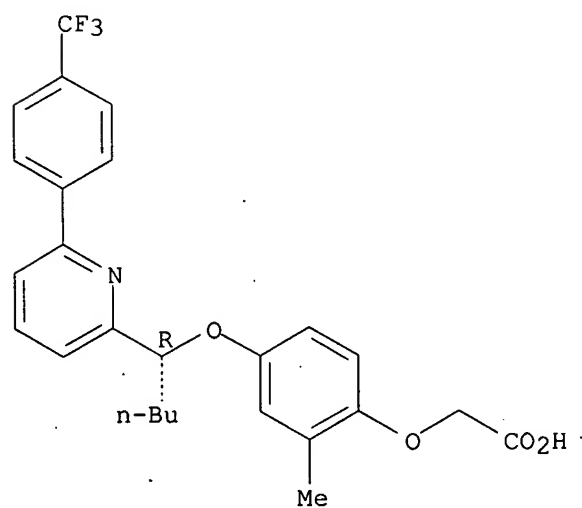
Updated Search

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RN 638215-37-9 HCAPLUS
CN Acetic acid, [2-methyl-4-[[[(1R)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

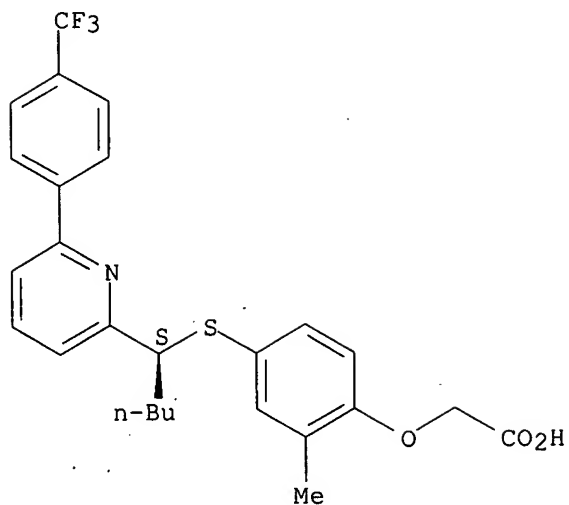


RN 638215-38-0 HCAPLUS
CN Acetic acid, [2-methyl-4-[[[(1S)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

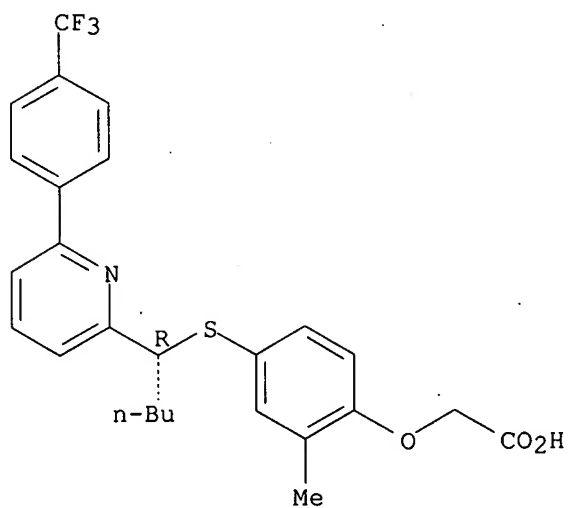
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RN 638215-39-1 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[(1R)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

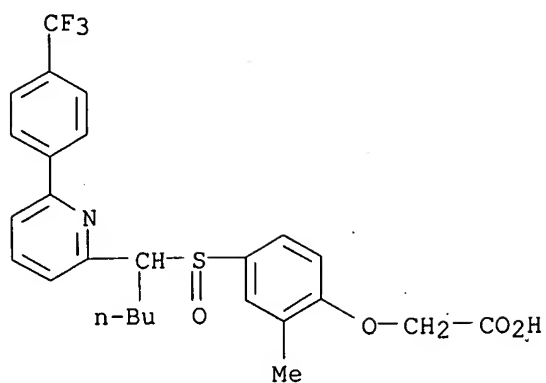


RN 638215-40-4 HCAPLUS

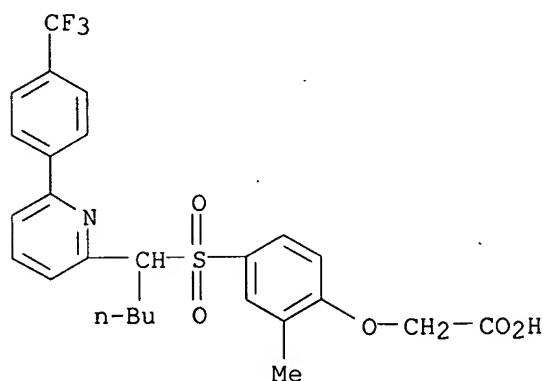
CN Acetic acid, [2-methyl-4-[[[1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]sulfinyl]phenoxy]- (9CI) (CA INDEX NAME)

Updated Search

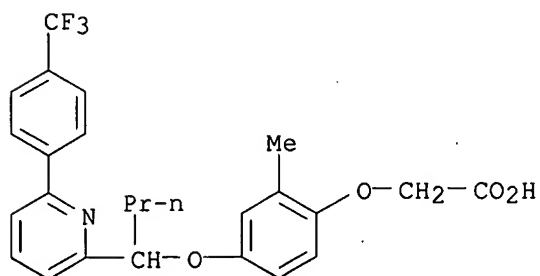
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RN 638215-41-5 HCAPLUS
CN Acetic acid, [2-methyl-4-[[1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]sulfonyl]phenoxy]- (9CI) (CA INDEX NAME)



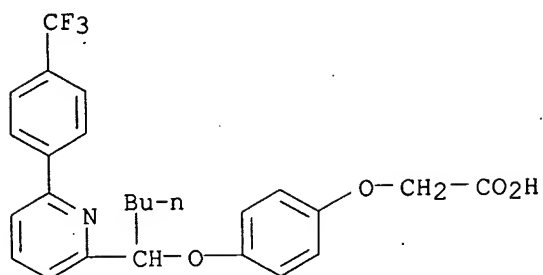
RN 638215-43-7 HCAPLUS
CN Acetic acid, [2-methyl-4-[1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]butoxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 638215-45-9 HCAPLUS
CN Acetic acid, [4-[[1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

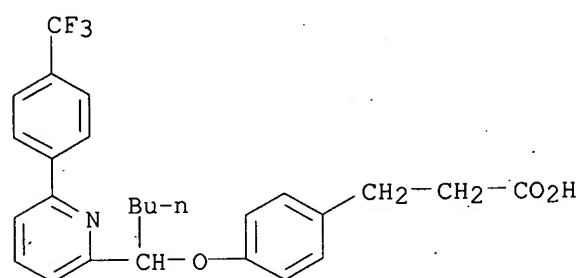
Updated Search

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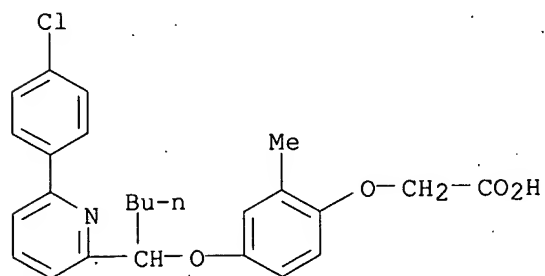
RN 638215-46-0 HCAPLUS

CN Benzenepropanoic acid, 4-[[[1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)



RN 638215-47-1 HCAPLUS

CN Acetic acid, [4-[[[1-[6-(4-chlorophenyl)-2-pyridinyl]pentyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

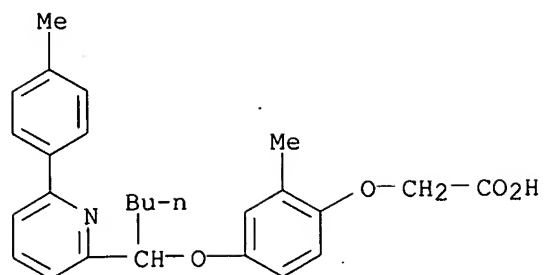


RN 638215-50-6 HCAPLUS

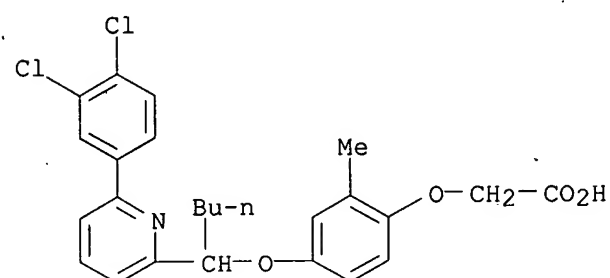
CN Acetic acid, [2-methyl-4-[[[1-[6-(4-methylphenyl)-2-pyridinyl]pentyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

Updated Search

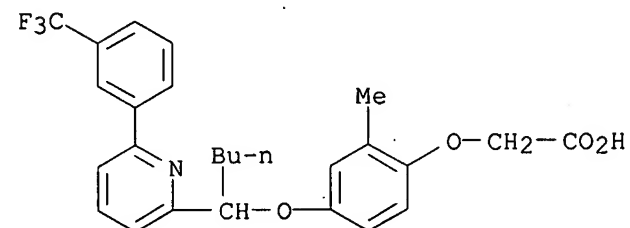
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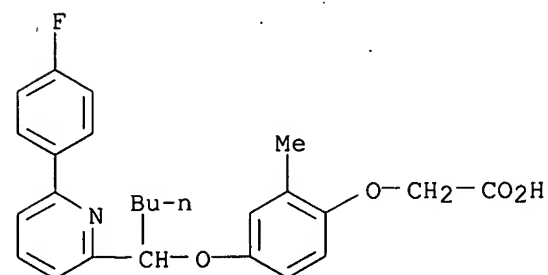
RN 638215-51-7 HCAPLUS
CN Acetic acid, [4-[[1-[6-(3,4-dichlorophenyl)-2-pyridinyl]pentyl]oxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



RN 638215-52-8 HCAPLUS
CN Acetic acid, [2-methyl-4-[[1-[6-[3-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]phenoxy]-(9CI) (CA INDEX NAME)



RN 638215-55-1 HCAPLUS
CN Acetic acid, [4-[[1-[6-(4-fluorophenyl)-2-pyridinyl]pentyl]oxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

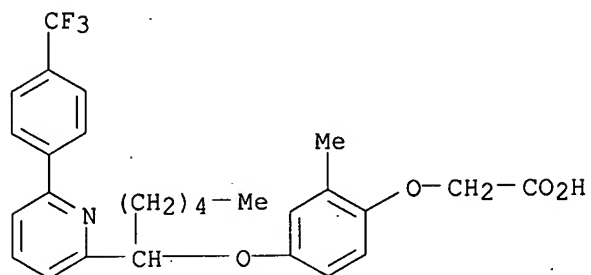


Updated Search

10518679

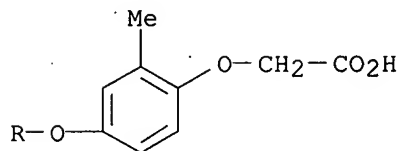
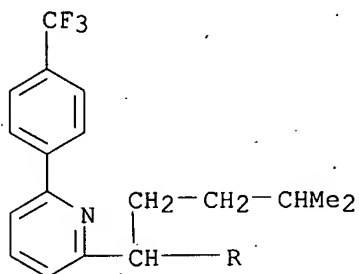
RN 638215-57-3 HCAPLUS

CN Acetic acid, [2-methyl-4-[[1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]hexyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



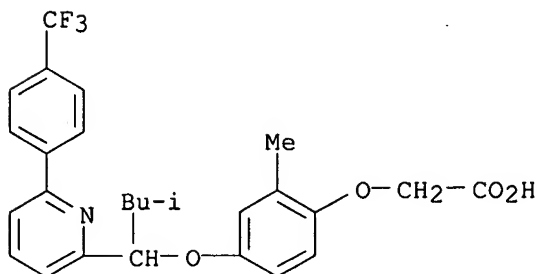
RN 638215-58-4 HCAPLUS

CN Acetic acid, [2-methyl-4-[[4-methyl-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 638215-59-5 HCAPLUS

CN Acetic acid, [2-methyl-4-[3-methyl-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]butoxy]phenoxy]- (9CI) (CA INDEX NAME)

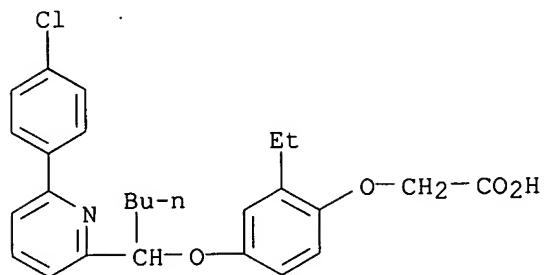


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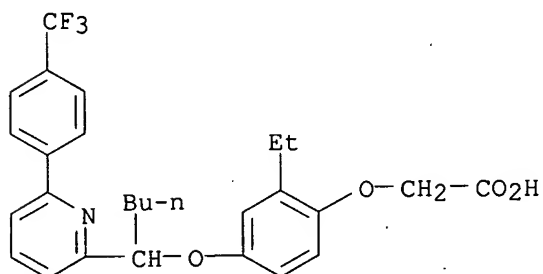
RN 638215-64-2 HCAPLUS

CN Acetic acid, [4-[[1-[6-(4-chlorophenyl)-2-pyridinyl]pentyl]oxy]-2-ethylphenoxy]- (9CI) (CA INDEX NAME)



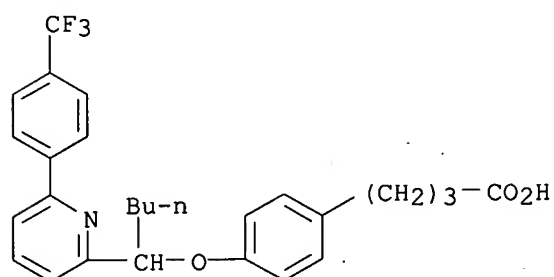
RN 638215-67-5 HCAPLUS

CN Acetic acid, [2-ethyl-4-[[1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 638215-68-6 HCAPLUS

CN Benzenebutanoic acid, 4-[[1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)



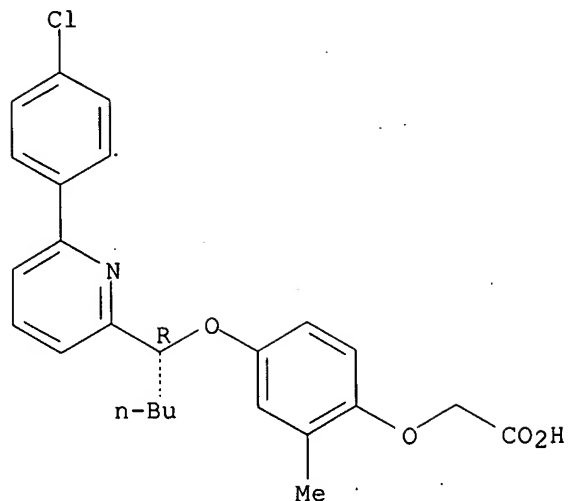
RN 638215-69-7 HCAPLUS

CN Acetic acid, [4-[[[(1R)-1-[6-(4-chlorophenyl)-2-pyridinyl]pentyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

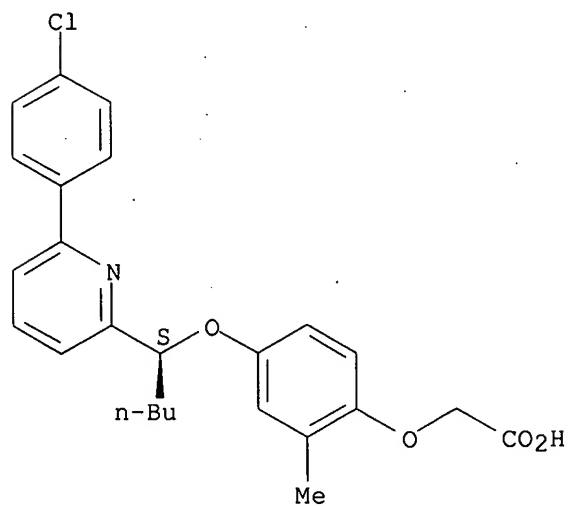
Updated Search

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RN 638215-74-4 HCAPLUS
CN Acetic acid, [4-[[[(1S)-1-[6-(4-chlorophenyl)-2-pyridinyl]pentyl]oxy]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

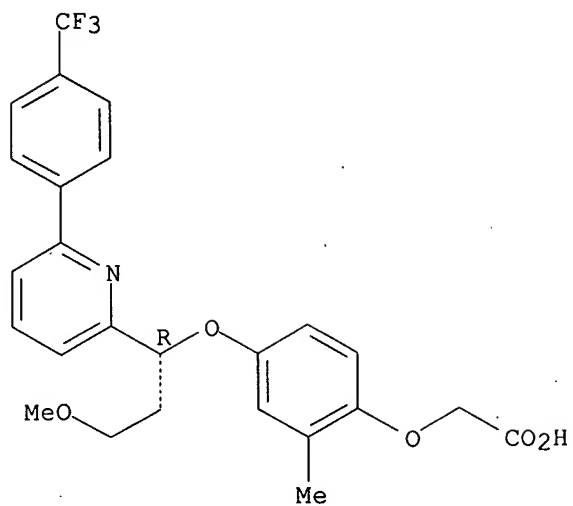


RN 638215-79-9 HCAPLUS
CN Acetic acid, [4-[[[(1R)-3-methoxy-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]propoxy]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

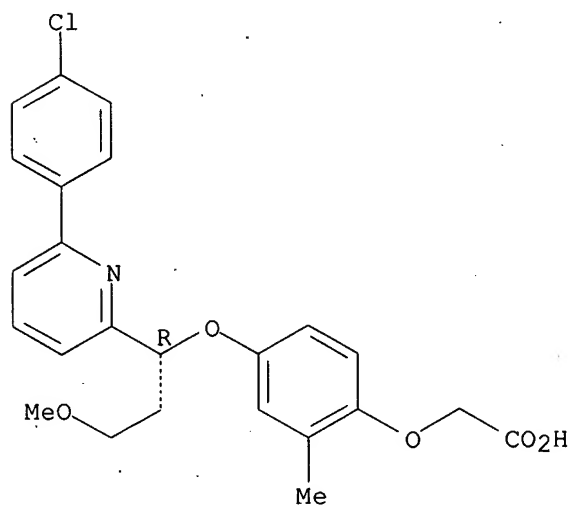
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RN 638215-80-2 HCAPLUS

CN Acetic acid, [4-[(1R)-1-[6-(4-chlorophenyl)-2-pyridinyl]-3-methoxypropoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



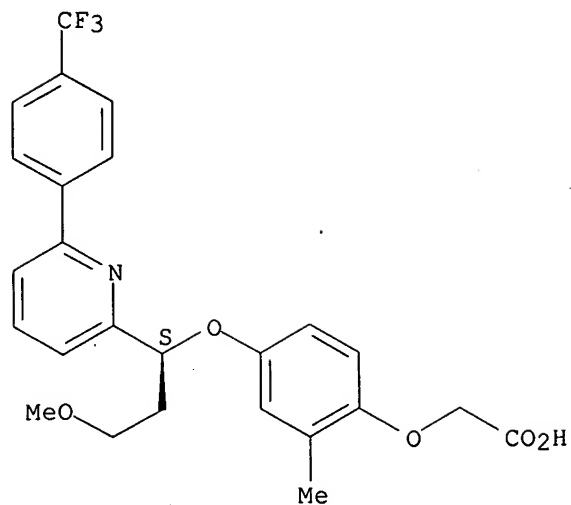
RN 638215-81-3 HCAPLUS

CN Acetic acid, [4-[(1S)-3-methoxy-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]propoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

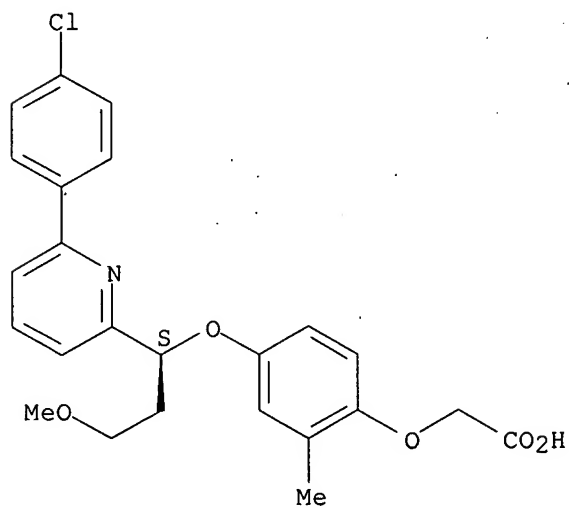
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RN 638215-82-4 HCAPLUS

CN Acetic acid, [4-[(1S)-1-[6-(4-chlorophenyl)-2-pyridinyl]-3-methoxypropoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



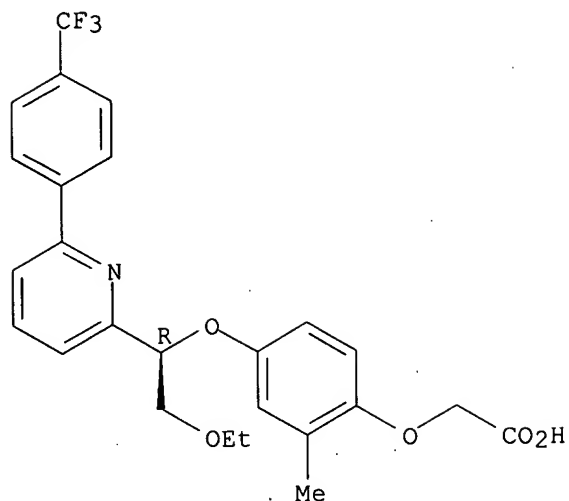
RN 638215-83-5 HCAPLUS

CN Acetic acid, [4-[(1R)-2-ethoxy-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]ethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

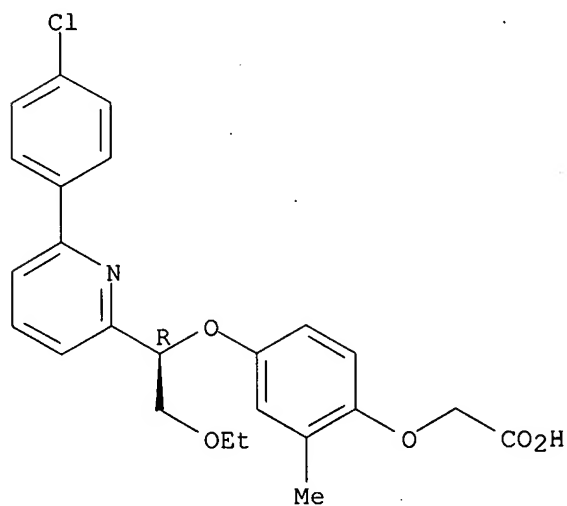
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RN 638215-87-9 HCAPLUS

CN Acetic acid, [4-[(1R)-1-[6-(4-chlorophenyl)-2-pyridinyl]-2-ethoxyethoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



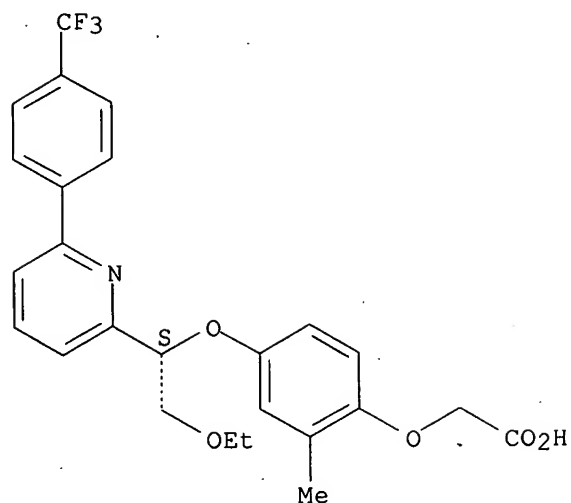
RN 638215-88-0 HCAPLUS

CN Acetic acid, [4-[(1S)-2-ethoxy-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]ethoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

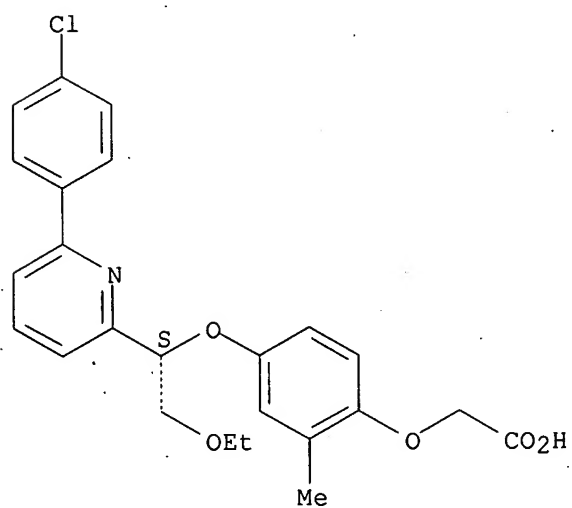
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RN 638215-92-6 HCAPLUS

CN Acetic acid, [4-[(1S)-1-[6-(4-chlorophenyl)-2-pyridinyl]-2-ethoxyethoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



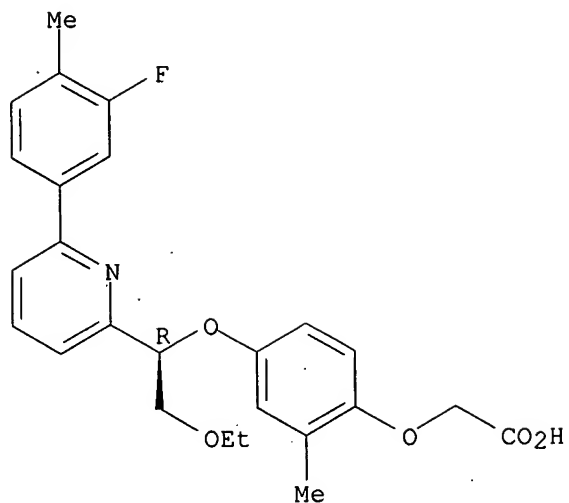
RN 638215-93-7 HCAPLUS

CN Acetic acid, [4-[(1R)-2-ethoxy-1-[6-(3-fluoro-4-methylphenyl)-2-pyridinyl]ethoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

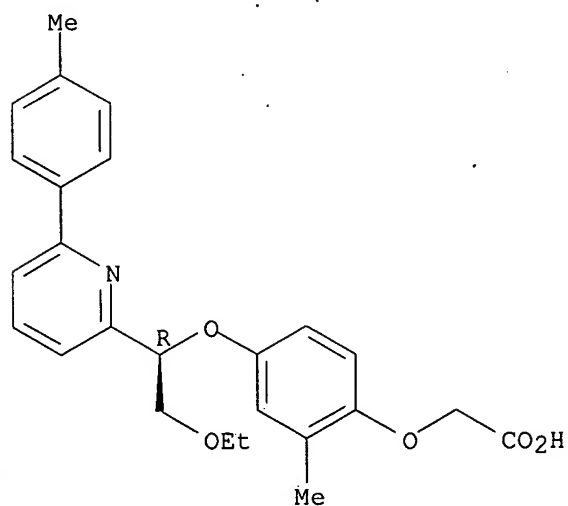
10518679



RN 638215-94-8 HCAPLUS

CN Acetic acid, [4-[(1R)-2-ethoxy-1-[6-(4-methylphenyl)-2-pyridinyl]ethoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



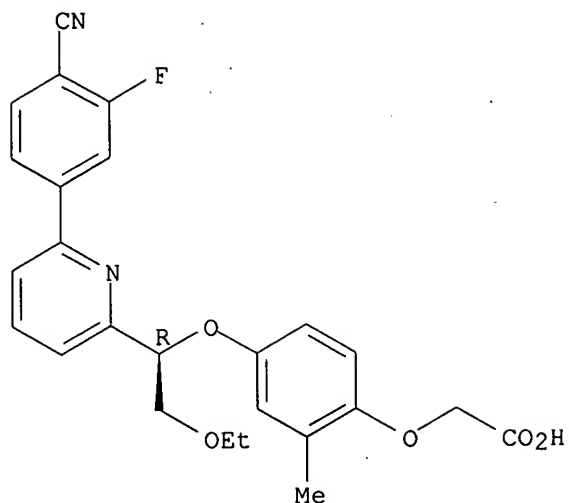
RN 638215-96-0 HCAPLUS

CN Acetic acid, [4-[(1R)-1-[6-(4-cyano-3-fluorophenyl)-2-pyridinyl]-2-ethoxyethoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

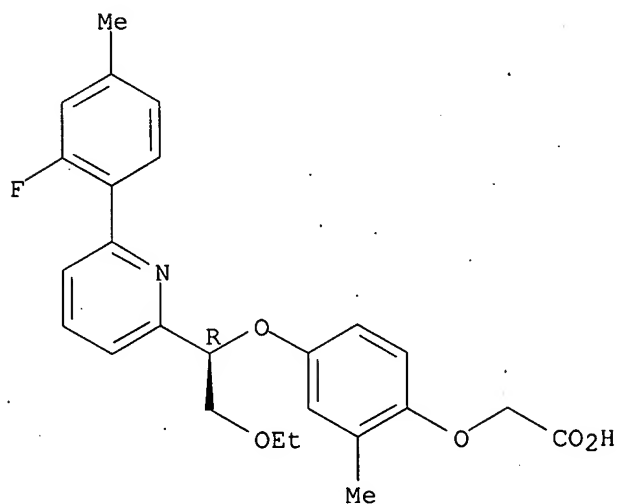
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RN 638215-98-2 HCAPLUS

CN Acetic acid, [4-[(1R)-2-ethoxy-1-[6-(2-fluoro-4-methylphenyl)-2-pyridinyl]ethoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



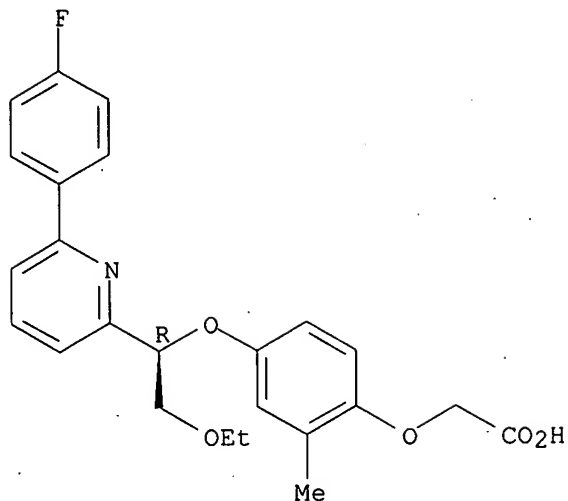
RN 638215-99-3 HCAPLUS

CN Acetic acid, [4-[(1R)-2-ethoxy-1-[6-(4-fluorophenyl)-2-pyridinyl]ethoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

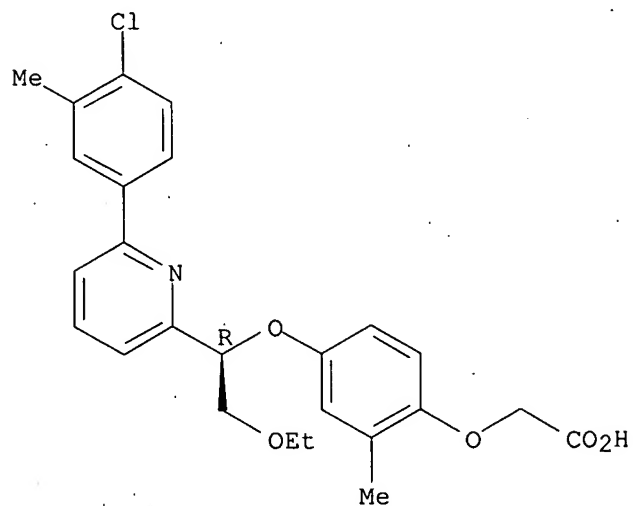
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RN 638216-01-0 HCAPLUS

CN Acetic acid, [4-[(1R)-1-[6-(4-chloro-3-methylphenyl)-2-pyridinyl]-2-ethoxyethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



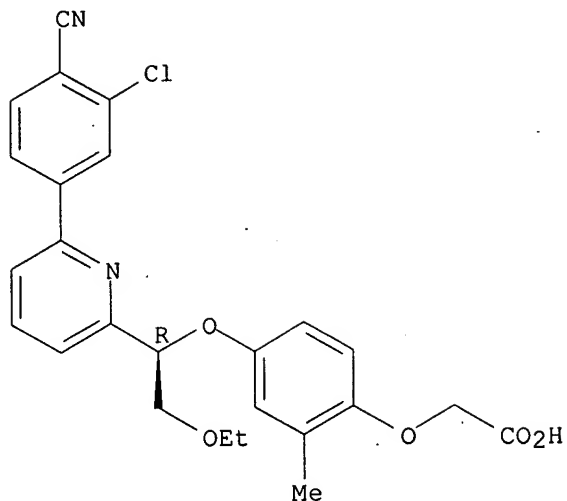
RN 638216-02-1 HCAPLUS

CN Acetic acid, [4-[(1R)-1-[6-(3-chloro-4-cyanophenyl)-2-pyridinyl]-2-ethoxyethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

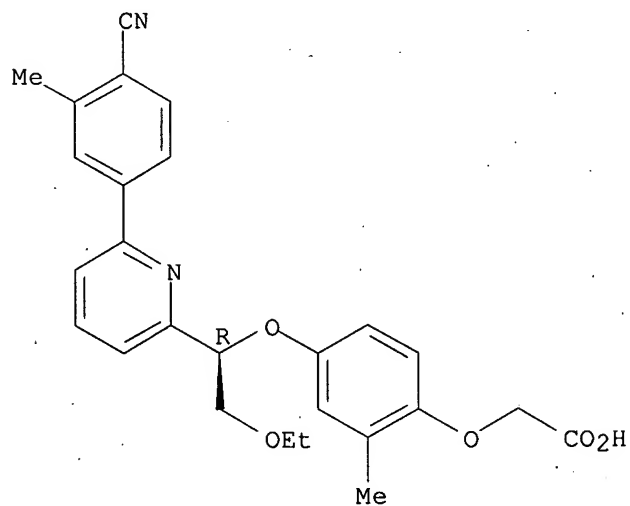
Updated Search

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RN 638216-03-2 HCAPLUS
CN Acetic acid, [4-[(1R)-1-[6-(4-cyano-3-methylphenyl)-2-pyridinyl]-2-ethoxyethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

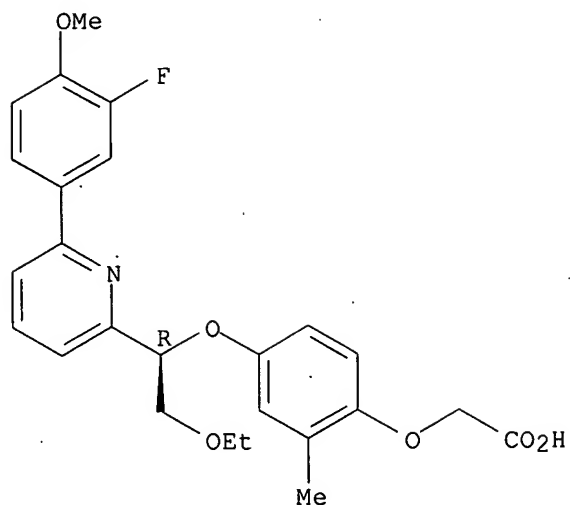


RN 638216-04-3 HCAPLUS
CN Acetic acid, [4-[(1R)-2-ethoxy-1-[6-(3-fluoro-4-methoxyphenyl)-2-pyridinyl]ethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

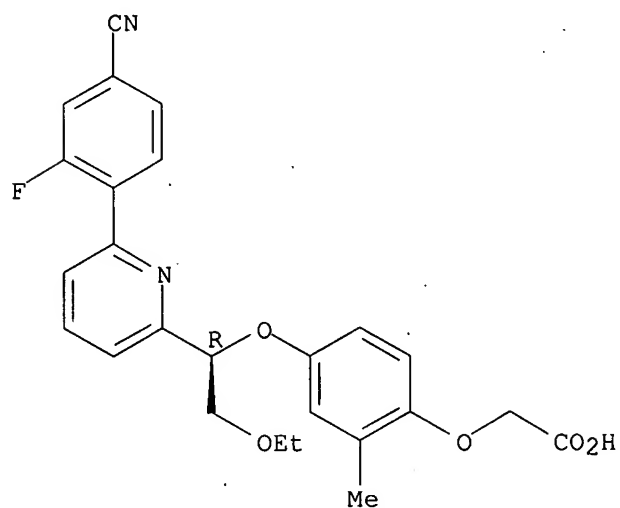
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RN 638216-05-4 HCAPLUS

CN Acetic acid, [4-[(1R)-1-[6-(4-cyano-2-fluorophenyl)-2-pyridinyl]-2-ethoxyethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



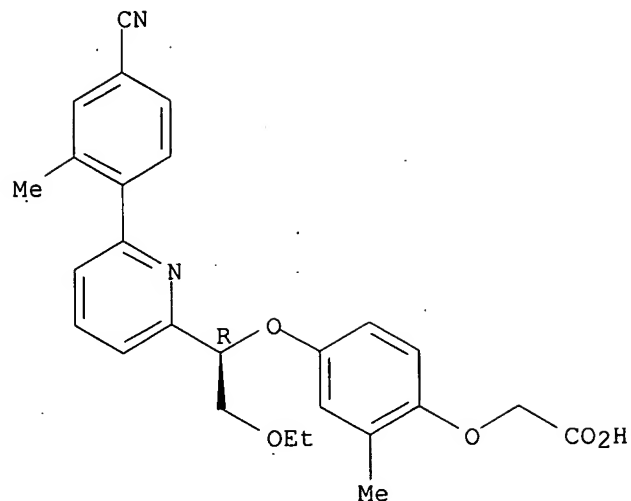
RN 638216-06-5 HCAPLUS

CN Acetic acid, [4-[(1R)-1-[6-(4-cyano-2-methylphenyl)-2-pyridinyl]-2-ethoxyethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

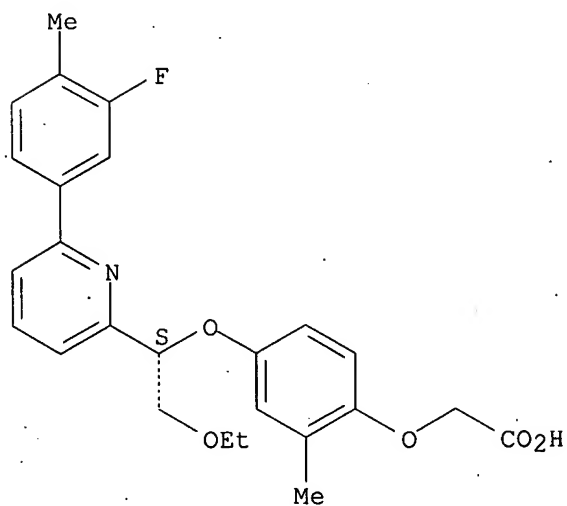
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RN 638216-07-6 HCAPLUS

CN Acetic acid, [4-[(1S)-2-ethoxy-1-[6-(3-fluoro-4-methylphenyl)-2-pyridinyl]ethoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



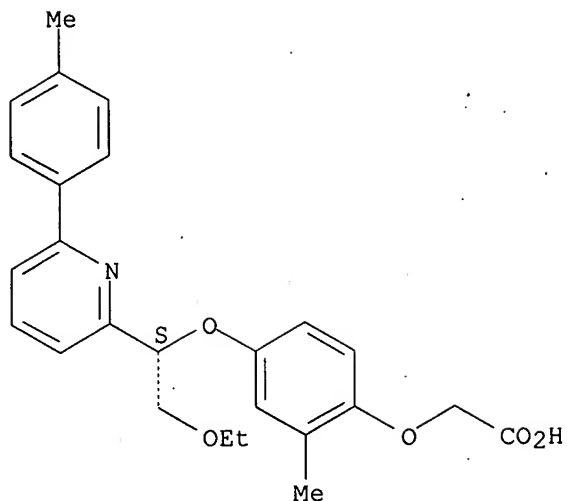
RN 638216-08-7 HCAPLUS

CN Acetic acid, [4-[(1S)-2-ethoxy-1-[6-(4-methylphenyl)-2-pyridinyl]ethoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

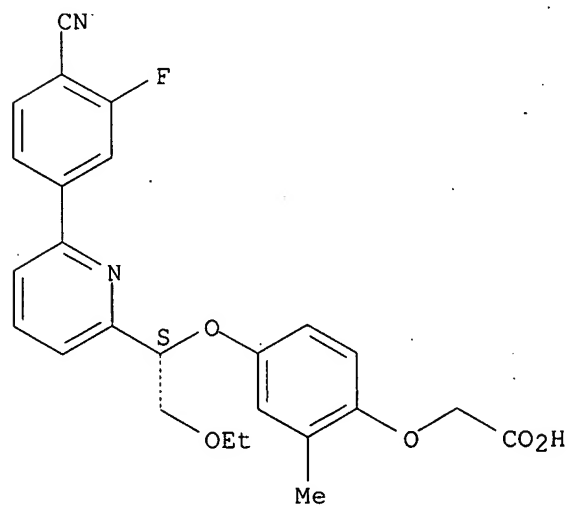
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RN 638216-10-1 HCAPLUS

CN Acetic acid, [4-[(1S)-1-[6-(4-cyano-3-fluorophenyl)-2-pyridinyl]-2-ethoxyethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



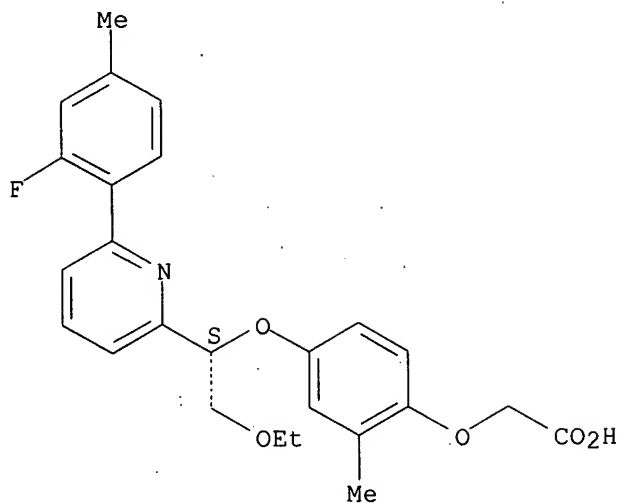
RN 638216-12-3 HCAPLUS

CN Acetic acid, [4-[(1S)-2-ethoxy-1-[6-(2-fluoro-4-methylphenyl)-2-pyridinyl]ethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

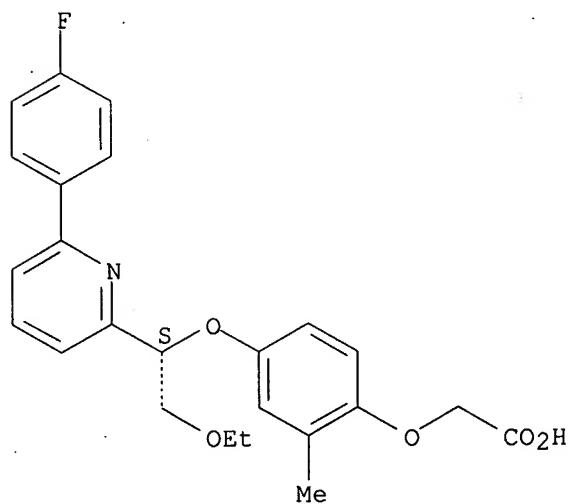
Updated Search

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RN 638216-13-4 HCAPLUS
CN Acetic acid, [4-[(1S)-2-ethoxy-1-[6-(4-fluorophenyl)-2-pyridinyl]ethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

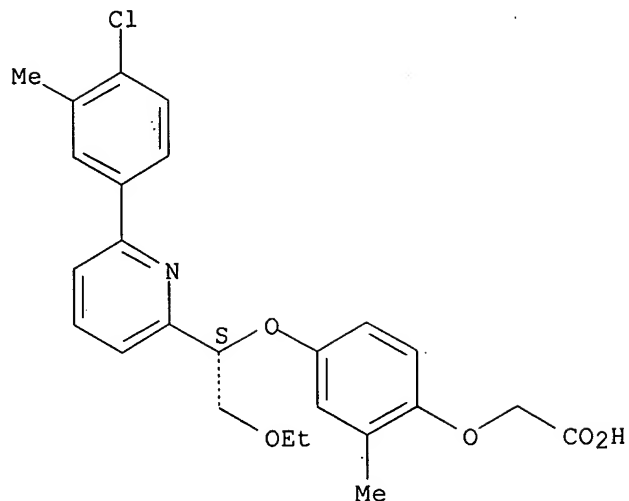


RN 638216-15-6 HCAPLUS
CN Acetic acid, [4-[(1S)-1-[6-(4-chloro-3-methylphenyl)-2-pyridinyl]-2-ethoxyethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

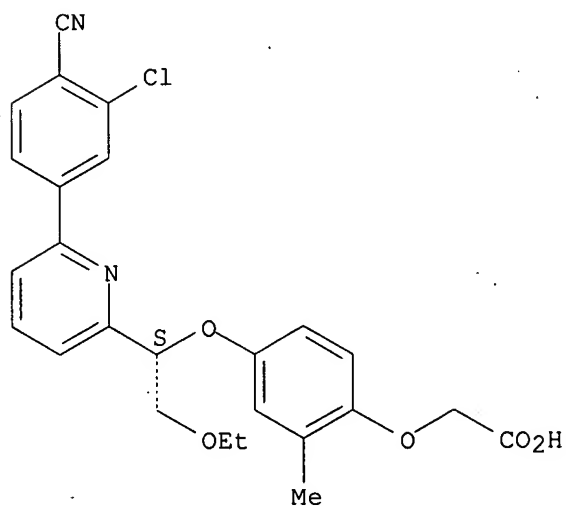
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RN 638216-16-7 HCAPLUS

CN Acetic acid, [4-[(1S)-1-[6-(3-chloro-4-cyanophenyl)-2-pyridinyl]-2-ethoxyethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



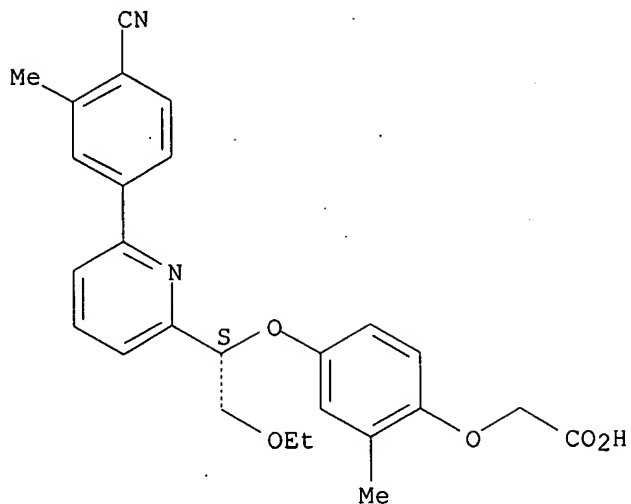
RN 638216-17-8 HCAPLUS

CN Acetic acid, [4-[(1S)-1-[6-(4-cyano-3-methylphenyl)-2-pyridinyl]-2-ethoxyethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

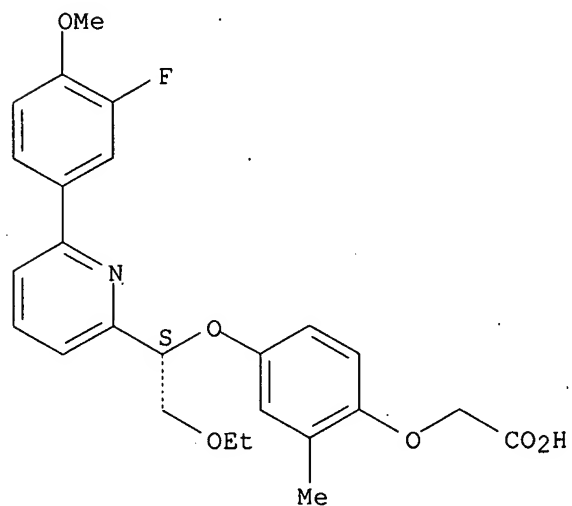
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RN 638216-18-9 HCAPLUS
CN Acetic acid, [4-[(1S)-2-ethoxy-1-[6-(3-fluoro-4-methoxyphenyl)-2-pyridinyl]ethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

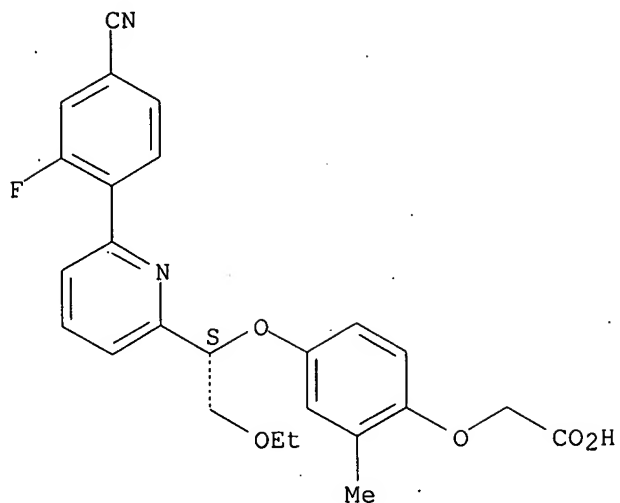


RN 638216-19-0 HCAPLUS
CN Acetic acid, [4-[(1S)-1-[6-(4-cyano-2-fluorophenyl)-2-pyridinyl]-2-ethoxyethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

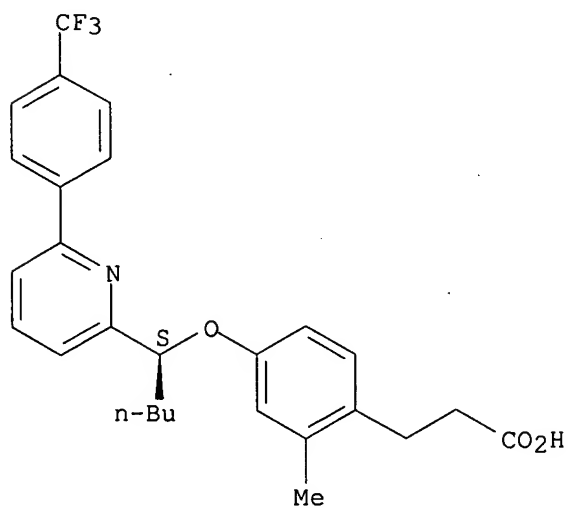
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RN 638216-21-4 HCAPLUS
CN Benzenepropanoic acid, 2-methyl-4-[[[(1S)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME),

Absolute stereochemistry.

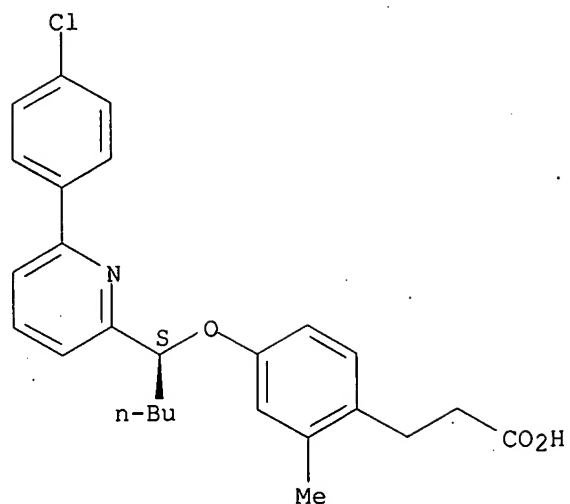


RN 638216-25-8 HCAPLUS
CN Benzenepropanoic acid, 4-[[[(1S)-1-[6-(4-chlorophenyl)-2-pyridinyl]pentyl]oxy]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

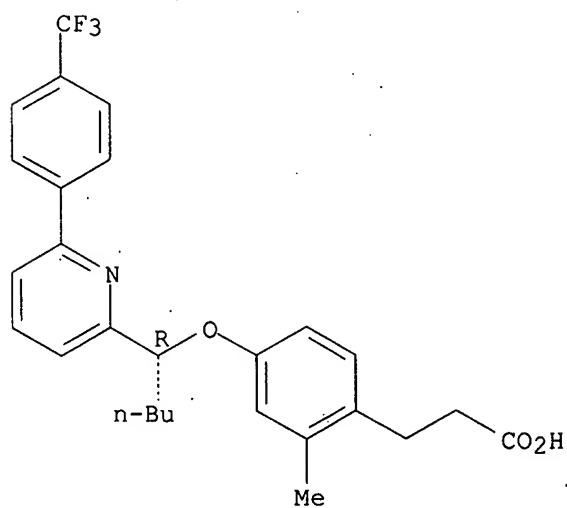
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RN 638216-26-9 HCAPLUS

CN Benzenepropanoic acid, 2-methyl-4-[[[(1R)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



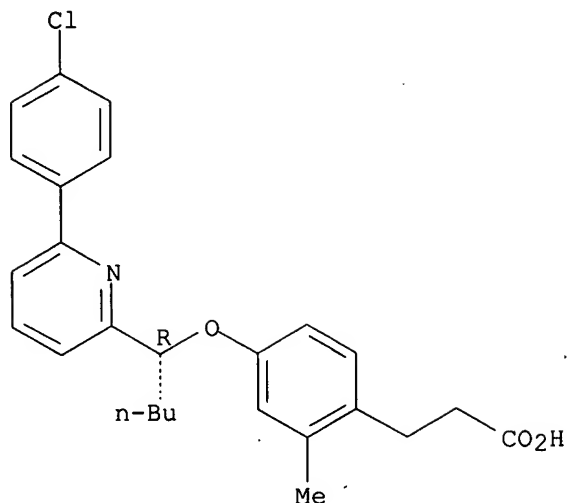
RN 638216-30-5 HCAPLUS

CN Benzenepropanoic acid, 4-[[[(1R)-1-[6-(4-chlorophenyl)-2-pyridinyl]pentyl]oxy]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

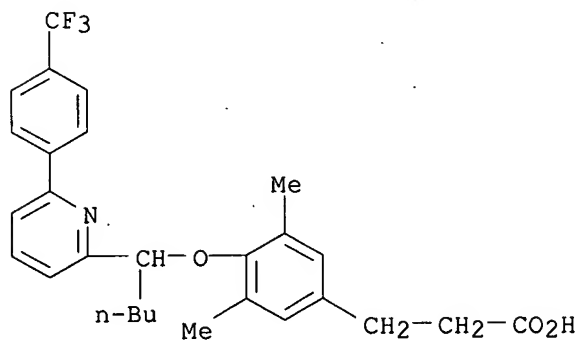
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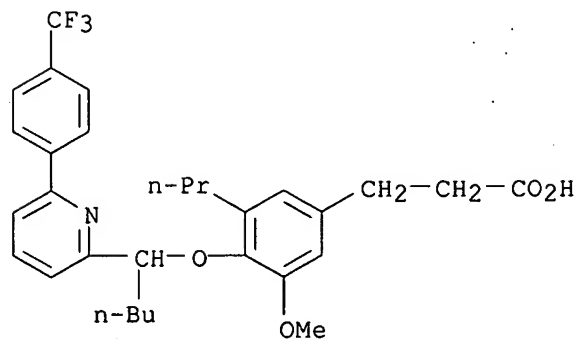
RN 638216-31-6 HCAPLUS

CN Benzenepropanoic acid, 3,5-dimethyl-4-[[1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)



RN 638216-32-7 HCAPLUS

CN Benzenepropanoic acid, 3-methoxy-5-propyl-4-[[1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

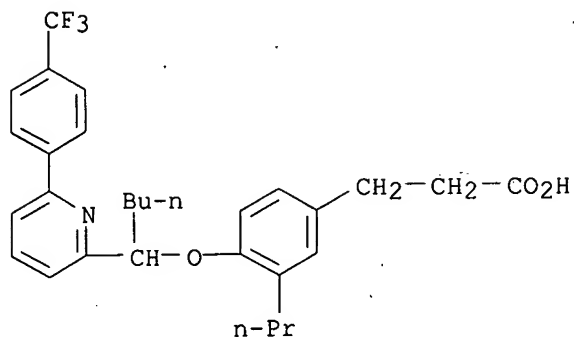


RN 638216-33-8 HCAPLUS

Updated Search

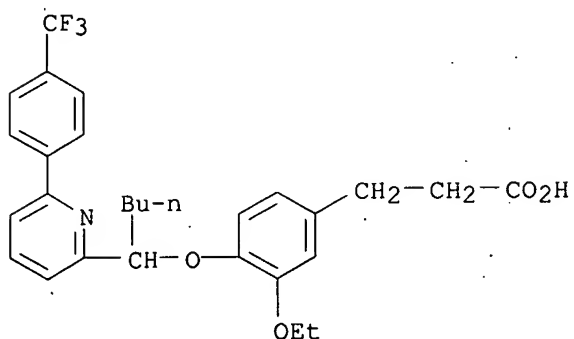
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CN Benzenepropanoic acid, 3-propyl-4-[[1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)



RN 638216-34-9 HCAPLUS

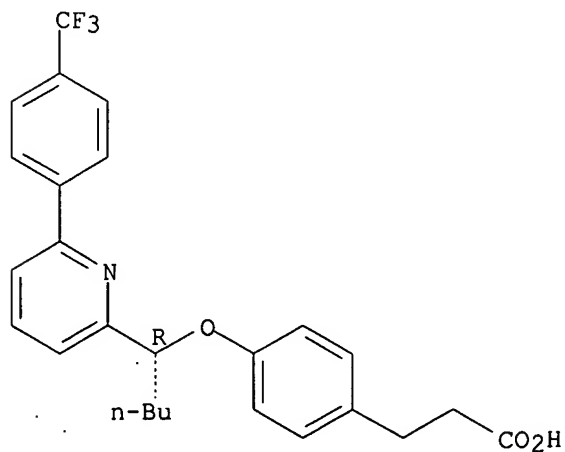
CN Benzenepropanoic acid, 3-ethoxy-4-[[1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)



RN 638216-35-0 HCAPLUS

CN Benzenepropanoic acid, 4-[[[(1R)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



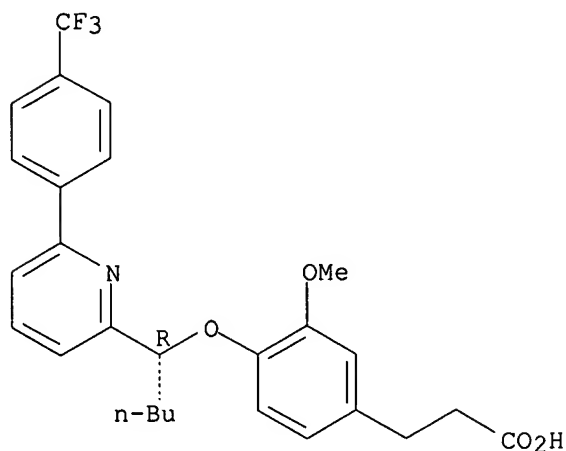
Updated Search

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RN 638216-36-1 HCAPLUS

CN Benzenepropanoic acid, 3-methoxy-4-[[[(1R)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

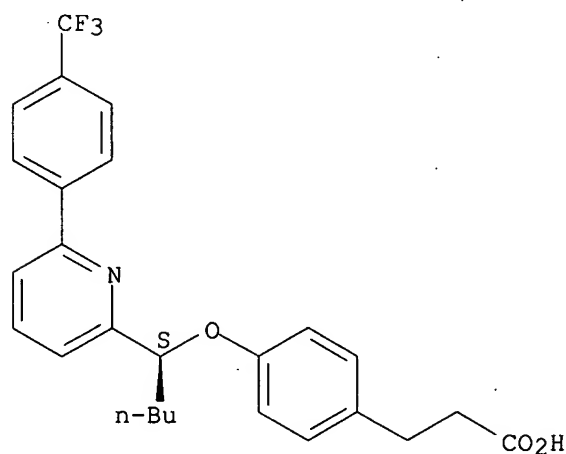
Absolute stereochemistry.



RN 638216-40-7 HCAPLUS

CN Benzenepropanoic acid, 4-[[[(1S)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



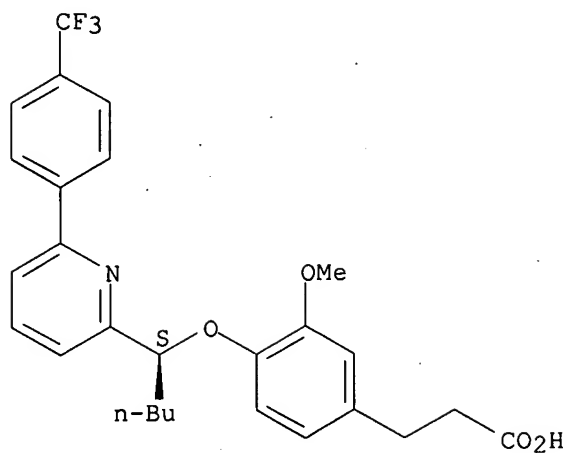
RN 638216-41-8 HCAPLUS

CN Benzenepropanoic acid, 3-methoxy-4-[[[(1S)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

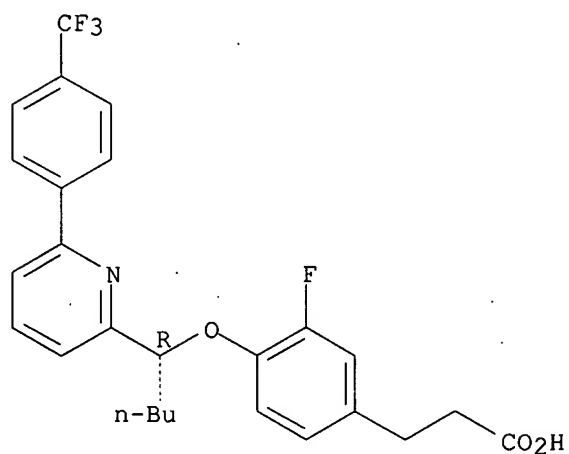
10518679



RN 638216-45-2 HCAPLUS

CN Benzenepropanoic acid, 3-fluoro-4-[[[(1R)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

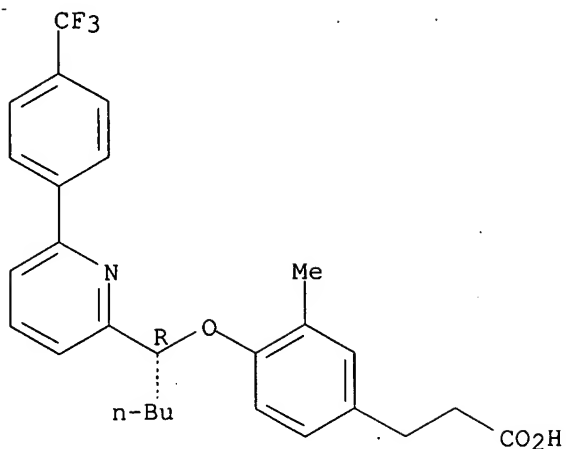


RN 638216-46-3 HCAPLUS

CN Benzenepropanoic acid, 3-methyl-4-[[[(1R)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

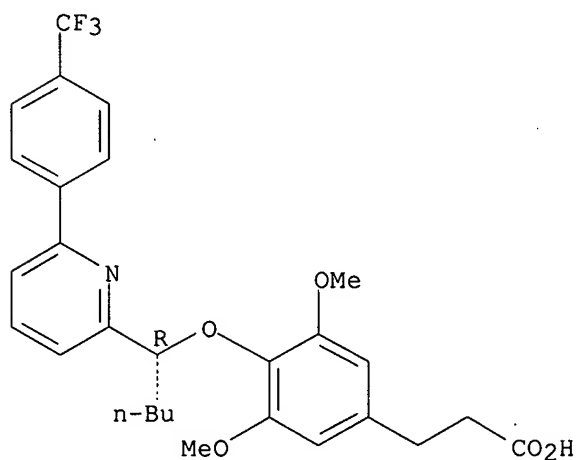
Absolute stereochemistry.

10518679



RN 638216-47-4 HCAPLUS
CN Benzenepropanoic acid, 3,5-dimethoxy-4-[[[(1R)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

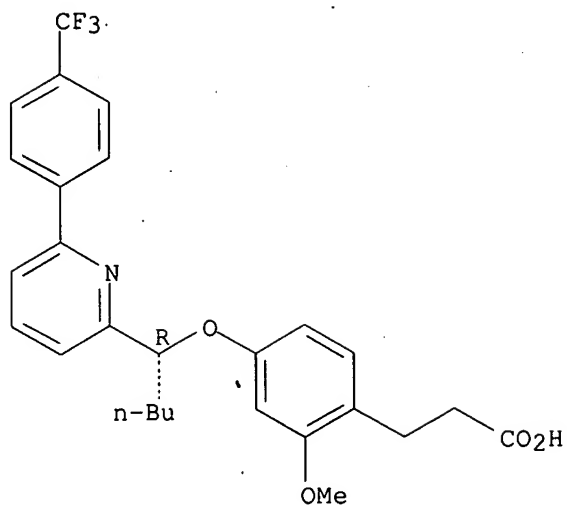


RN 638216-48-5 HCAPLUS
CN Benzenepropanoic acid, 2-methoxy-4-[[[(1R)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

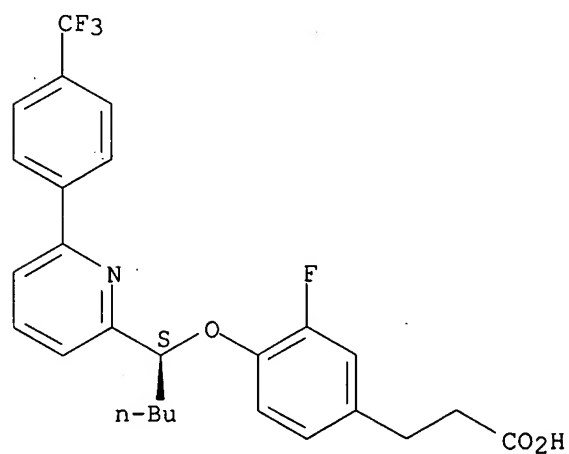
Updated Search

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RN 638216-49-6 HCAPLUS
CN Benzenepropanoic acid, 3-fluoro-4-[[[1S]-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

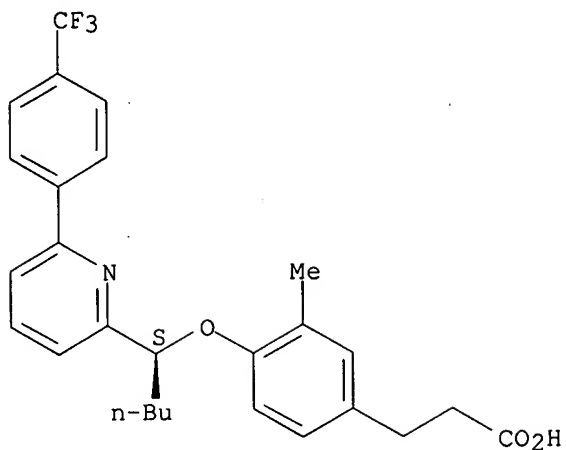


RN 638216-50-9 HCAPLUS
CN Benzenepropanoic acid, 3-methyl-4-[[[1S]-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

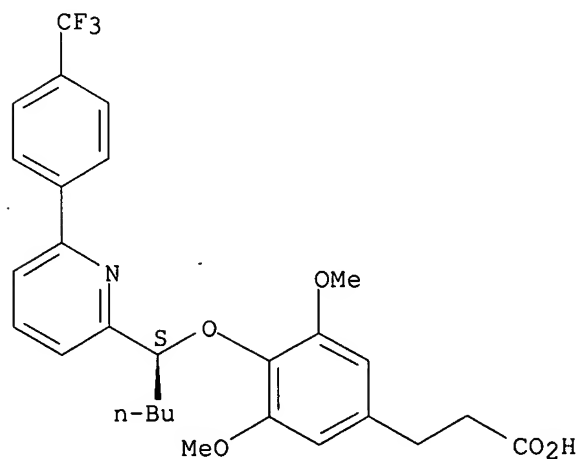
10518679



RN 638216-51-0 HCAPLUS

CN Benzenepropanoic acid, 3,5-dimethoxy-4-[[[(1S)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



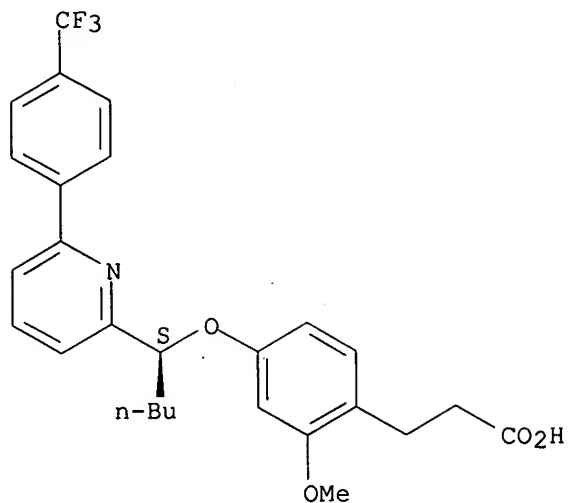
RN 638216-52-1 HCAPLUS

CN Benzenepropanoic acid, 2-methoxy-4-[[[(1S)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

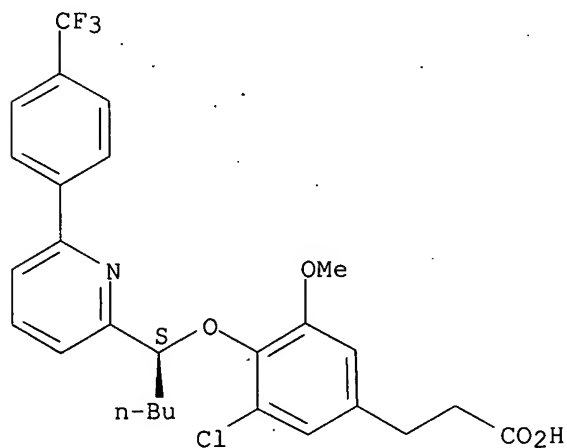
10518679



RN 638216-53-2 HCAPLUS

CN Benzenepropanoic acid, 3-chloro-5-methoxy-4-[[(1S)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



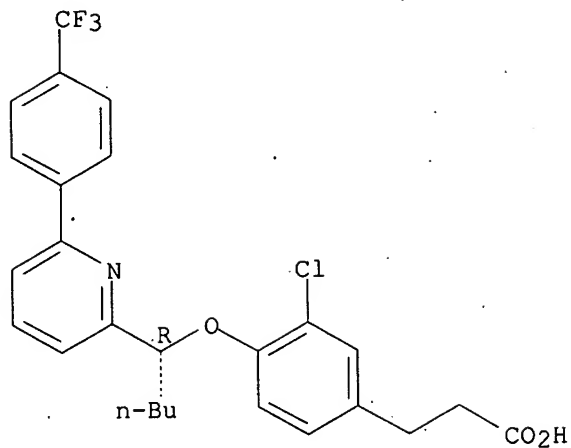
RN 638216-54-3 HCAPLUS

CN Benzenepropanoic acid, 3-chloro-4-[[(1R)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

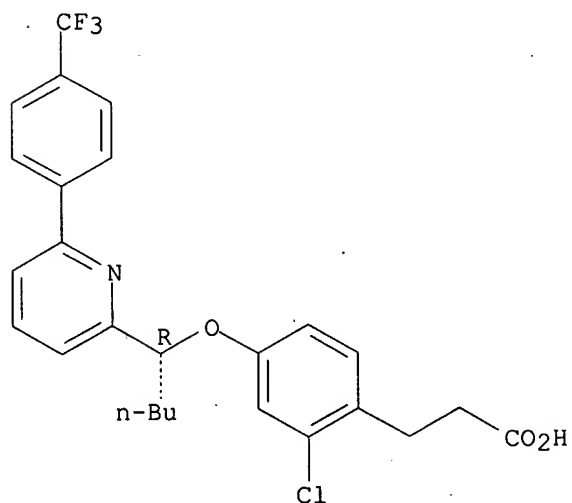
10518679



RN 638216-55-4 HCAPLUS

CN Benzenepropanoic acid, 2-chloro-4-[[(1R)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



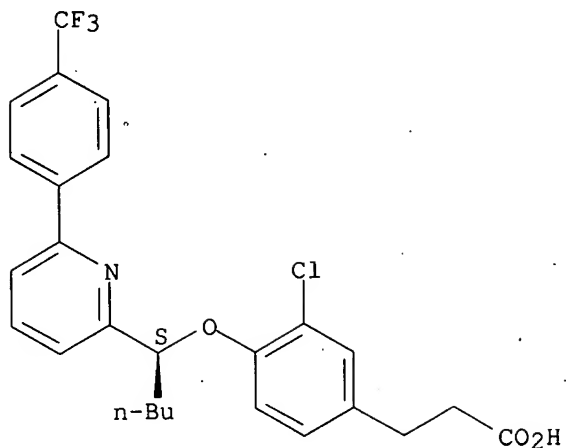
RN 638216-56-5 HCAPLUS

CN Benzenepropanoic acid, 3-chloro-4-[[(1S)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

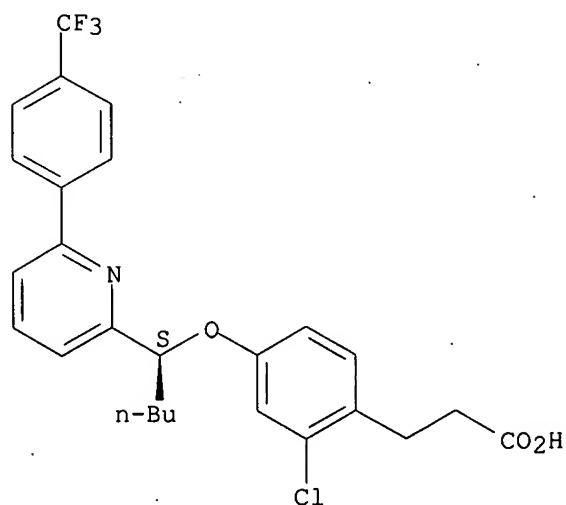
10518679



RN 638216-57-6 HCAPLUS

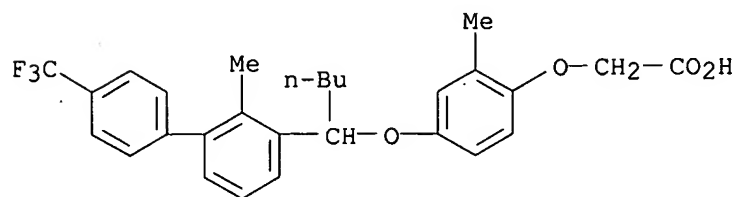
CN Benzenepropanoic acid, 2-chloro-4-[[[(1S)-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]pentyl]oxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 638216-58-7 HCAPLUS

CN Acetic acid, [2-methyl-4-[[1-[2-methyl-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]pentyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

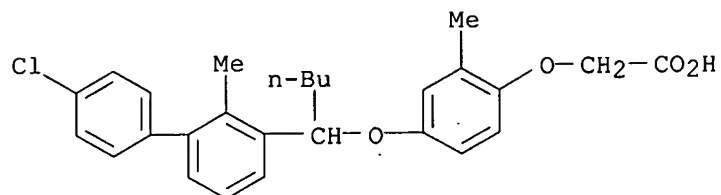


RN 638216-59-8 HCAPLUS

Updated Search

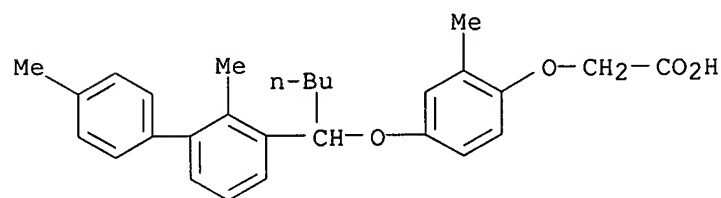
10518679

CN Acetic acid, [4-[[1-(4'-chloro-2-methyl[1,1'-biphenyl]-3-yl)pentyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



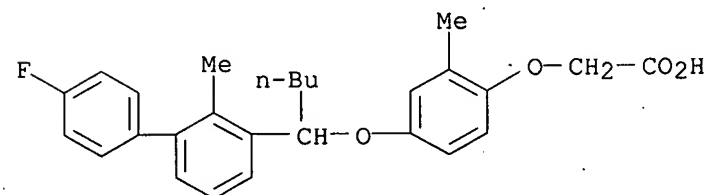
RN 638216-60-1 HCAPLUS

CN Acetic acid, [4-[[1-(2,4'-dimethyl[1,1'-biphenyl]-3-yl)pentyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 638216-63-4 HCAPLUS

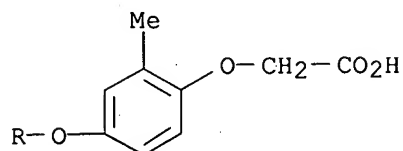
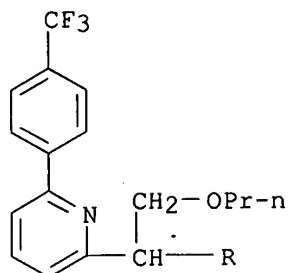
CN Acetic acid, [4-[[1-(4'-fluoro-2-methyl[1,1'-biphenyl]-3-yl)pentyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



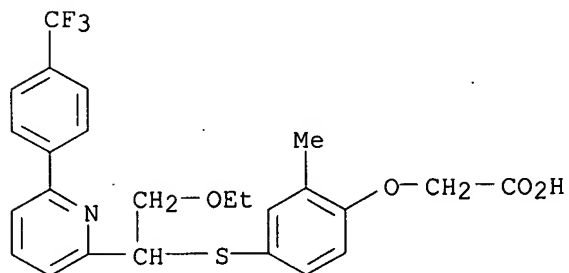
RN 638216-64-5 HCAPLUS

CN Acetic acid, [2-methyl-4-[2-propoxy-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]ethoxy]phenoxy]- (9CI) (CA INDEX NAME)

10518679



RN 638216-65-6 HCAPLUS
CN Acetic acid, [4-[[2-ethoxy-1-[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]ethyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 01:16:31 ON 27 NOV 2006)

FILE 'REGISTRY' ENTERED AT 01:16:38 ON 27 NOV 2006

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 403 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 01:25:22 ON 27 NOV 2006

L4 20 S L3

L5 0 S L4 AND STEVENAGE, R?/AU

L6 1 S L4 AND BESWICK, P?/AU

=> s 14 not 16

L7 19 L4 NOT L6

=> s 17 and gosmini, r?/au

Updated Search

10518679

L8 17 GOSMINI, R?/AU
0 L7 AND GOSMINI, R?/AU

=> s 17 and grimes, r?/au
570 GRIMES, R?/AU

L9 0 L7 AND GRIMES, R?/AU

=> s 17 and hamlet, c?/au
26 HAMLET, C?/AU
L10 0 L7 AND HAMLET, C?/AU

=> s 17 and hamlett, c?/au
2 HAMLETT, C?/AU
L11 0 L7 AND HAMLETT, C?/AU

=> s 17 and king, n?/au
596 KING, N?/AU
L12 0 L7 AND KING, N?/AU

=> s 17 and patel, v?/au
1127 PATEL, V?/AU
L13 0 L7 AND PATEL, V?/AU

=> s 17 and bell, r?/au
2752 BELL, R?/AU
L14 0 L7 AND BELL, R?/AU

=> d his

(FILE 'HOME' ENTERED AT 01:16:31 ON 27 NOV 2006)

FILE 'REGISTRY' ENTERED AT 01:16:38 ON 27 NOV 2006

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 403 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 01:25:22 ON 27 NOV 2006

L4 20 S L3
L5 0 S L4 AND STEVENAGE, R?/AU
L6 1 S L4 AND BESWICK, P?/AU
L7 19 S L4 NOT L6
L8 0 S L7 AND GOSMINI, R?/AU
L9 0 S L7 AND GRIMES, R?/AU
L10 0 S L7 AND HAMLET, C?/AU
L11 0 S L7 AND HAMLETT, C?/AU
L12 0 S L7 AND KING, N?/AU
L13 0 S L7 AND PATEL, V?/AU
L14 0 S L7 AND BELL, R?/AU

=> d 17, ibib abs hitstr, 1-19

L7 ANSWER 1 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:398359 HCAPLUS

DOCUMENT NUMBER: 145:39840

TITLE: 1,3,5-Trisubstituted aryls as highly selective
PPAR δ agonists

AUTHOR(S): Epple, Robert; Azimioara, Mihai; Russo, Ross;
Bursulaya, Badry; Tian, Shin-Shay; Gerken, Andrea;
Iskandar, Maya

Updated Search

10518679

CORPORATE SOURCE: Department of Medicinal Chemistry, Genomics Institute
of the Novartis Research Foundation, San Diego, CA,
92121, USA

SOURCE: Bioorganic & Medicinal Chemistry Letters (2006),
16(11), 2969-2973
CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 145:39840

AB A series of highly potent and selective PPAR δ agonists is described
using the known non-selective ligand GW2433 as a structural template.
Compound 1 is bioavailable, potent (10 nM), and shows no cross-activity with
other PPAR subtypes up to 10 μ M, making it a useful tool in studying
the biol. effects of selective PPAR δ activation.

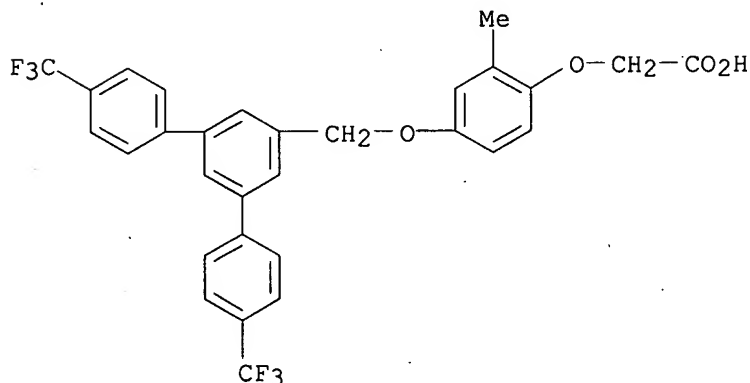
IT 870289-06-8P 870289-09-1P 870289-15-9P
870289-38-6P 870289-39-7P 870289-41-1P
870289-44-4P 870289-56-8P 890137-40-3P
890137-41-4P 890137-43-6P 908831-17-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(1,3,5-Trisubstituted aryls as highly selective PPAR δ agonists)

RN 870289-06-8 HCAPLUS

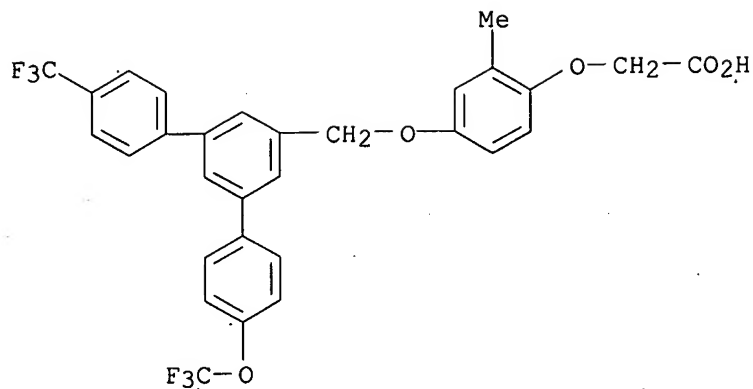
CN Acetic acid, [4-[[4,4''-bis(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-
yl]methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 870289-09-1 HCAPLUS

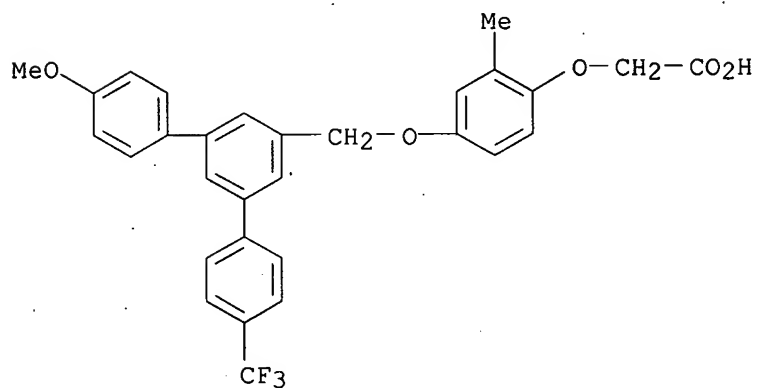
CN Acetic acid, [2-methyl-4-[[4-(trifluoromethoxy)-4''-
(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]phenoxy]- (9CI)
(CA INDEX NAME)

10518679



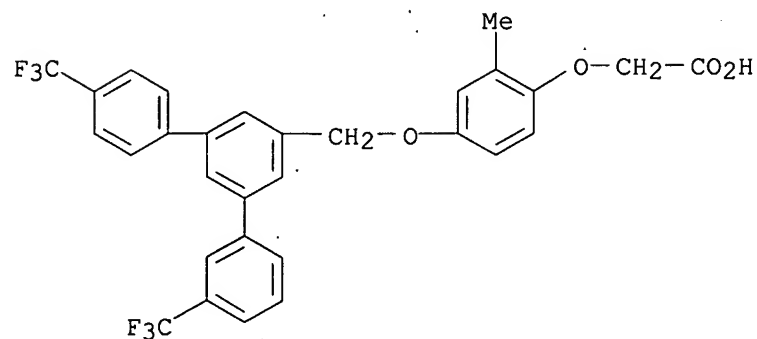
RN 870289-15-9 HCAPLUS

CN Acetic acid, [4-[[4-methoxy-4''-(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 870289-38-6 HCAPLUS

CN Acetic acid, [4-[[3,4''-bis(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

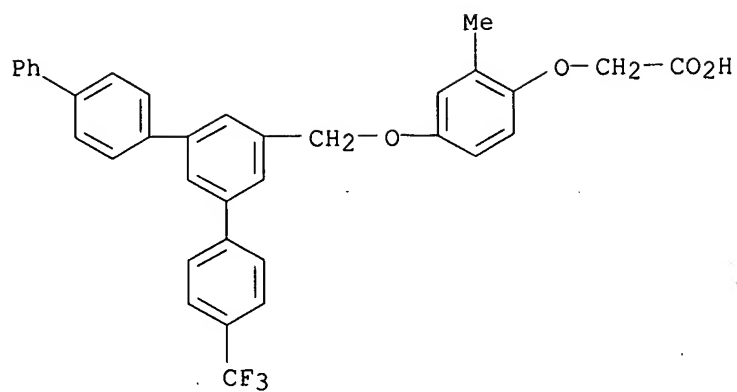


RN 870289-39-7 HCAPLUS

CN Acetic acid, [2-methyl-4-[[4-(trifluoromethyl)[1,1':3',1'':4'',1'''-quaterphenyl]-5'-yl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)

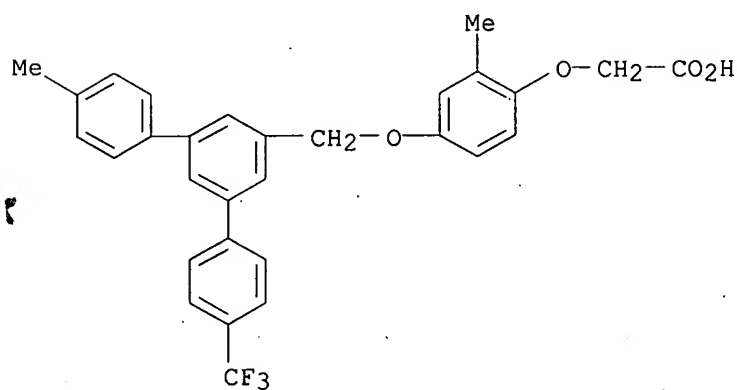
Updated Search

10518679



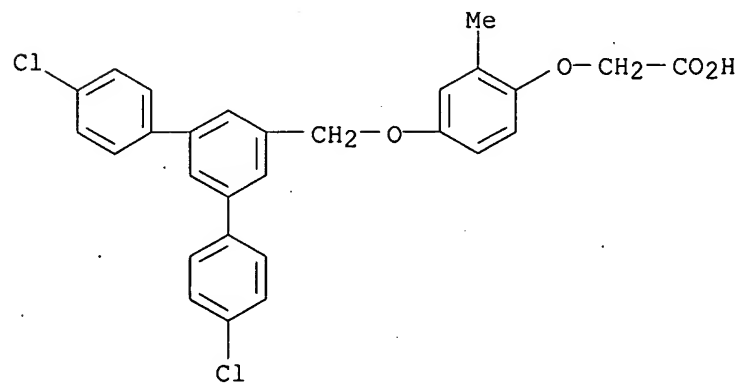
RN 870289-41-1 HCAPLUS

CN Acetic acid, [2-methyl-4-[[4-methyl-4''-(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 870289-44-4 HCAPLUS

CN Acetic acid, [4-[(4,4''-dichloro[1,1':3',1''-terphenyl]-5'-yl)methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

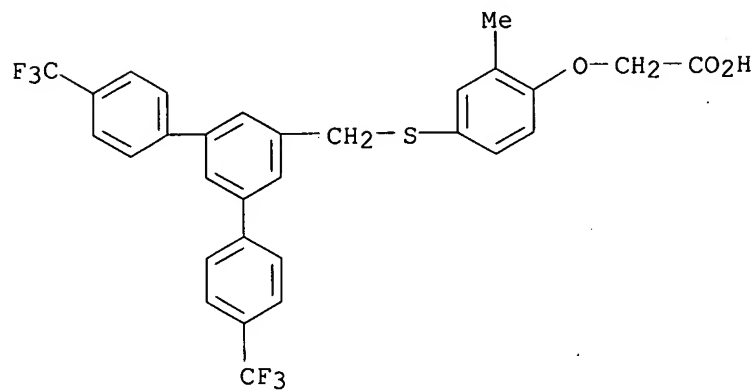


Updated Search

10518679

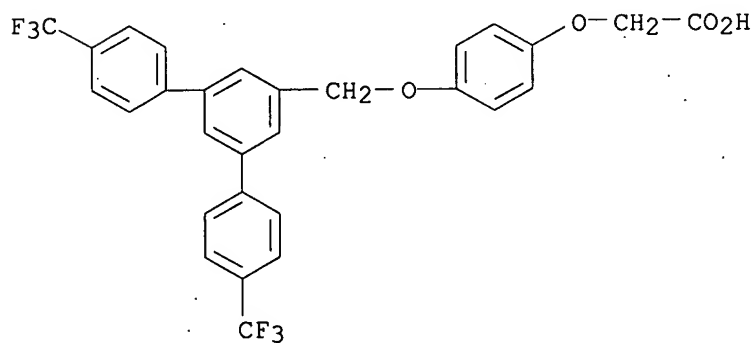
RN 870289-56-8 HCAPLUS

CN Acetic acid, [4-[[[4,4''-bis(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



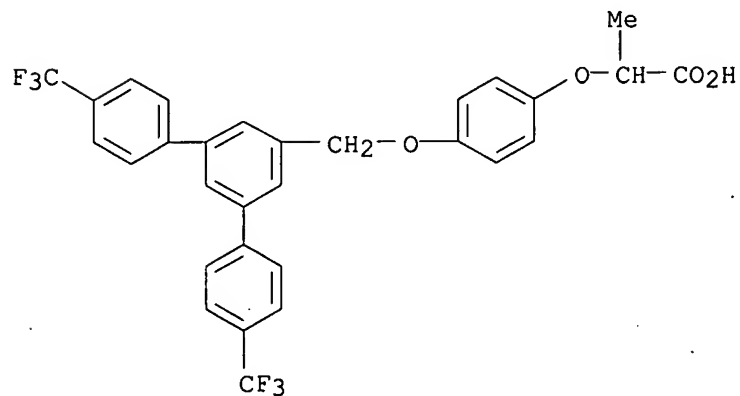
RN 890137-40-3 HCAPLUS

CN Acetic acid, [4-[[[4,4''-bis(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 890137-41-4 HCAPLUS

CN Propanoic acid, 2-[4-[[[4,4''-bis(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)

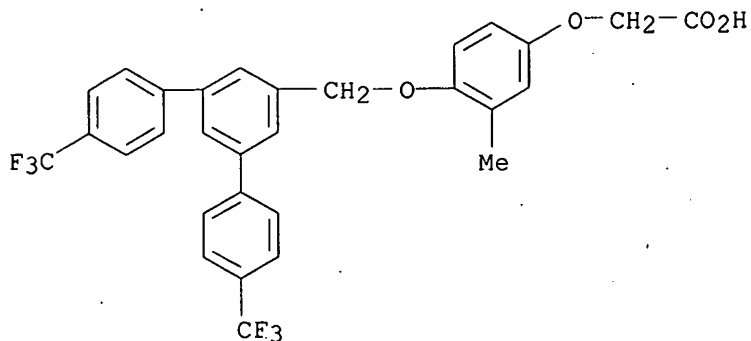


Updated Search

10518679

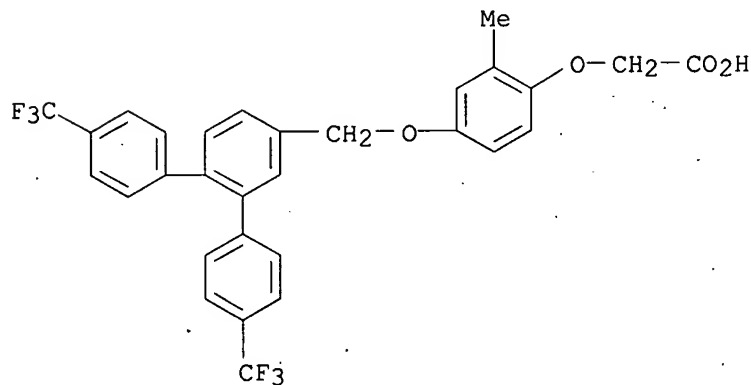
RN 890137-43-6 HCAPLUS

CN Acetic acid, [4-[[4,4''-bis(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]-3-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 908831-17-4 HCAPLUS

CN Acetic acid, [4-[[4,4''-bis(trifluoromethyl)[1,1':2',1''-terphenyl]-4'-yl]methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:101282 HCAPLUS

DOCUMENT NUMBER: 144:184686

TITLE: Remedy for diabetes

INVENTOR(S): Suzuki, Nobuhiro; Suzuki, Masami; Asakawa, Tomoko; Kataoka, Osamu

PATENT ASSIGNEE(S): Takeda Pharmaceutical Company Limited, Japan

SOURCE: PCT Int. Appl., 44 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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Updated Search

10518679

WO 2006011615 A1 20060202 WO 2005-JP13995 20050726
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ,
LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA,
NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,
SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.:

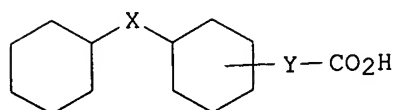
JP 2004-218736

A 20040727

OTHER SOURCE(S):

MARPAT 144:184686

GI



AB A remedy for diabetes with secondary sulfonylurea failure which contains a GPR40 agonist (I; Markush's structure given). Namely, a remedy for diabetes with secondary sulfonylurea failure capable of exerting excellent effects of secreting insulin and lowering the blood glucose level even on diabetic patients on whom sulfonylurea compds. or rapidly acting insulin secretion promoters can exert no insulin secretion effect and thus a sufficient hypoglycemic effect cannot be established.

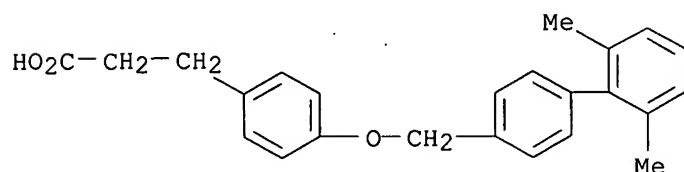
IT 691902-39-3

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(biphenylmethoxybenzenepropanoate derivs. as GPR40 agonists and remedies for diabetes with secondary sulfonylurea failure)

RN 691902-39-3 HCAPLUS

CN Benzenepropanoic acid, 4-[(2',6'-dimethyl[1,1'-biphenyl]-4-yl)methoxy]-(9CI) (CA INDEX NAME)



REFERENCE COUNT:

10

THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:1262399 HCAPLUS

DOCUMENT NUMBER: 144:22712

TITLE: Triaryl compounds as PPAR modulators, their preparation, pharmaceutical compositions, and use in therapy

Updated Search

10518679

INVENTOR(S): Epple, Robert; Azimioara, Mihai
 PATENT ASSIGNEE(S): Irm LLC, Bermuda
 SOURCE: PCT Int. Appl., 59 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005113506	A1	20051201	WO 2005-US16747	20050513
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2004-571004P P 20040514
 OTHER SOURCE(S): MARPAT 144:22712
 GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention relates to aryl compds. of formula I, which are modulators of peroxisome proliferator-activated receptors (PPAR), particularly PPAR δ . In compds. I, m is 0-3; X, Y, and Z are independently selected from CH and N; L is (un)substituted (CH₂)_nO(CH₂)_n or (CH₂)_nS(O)_p(CH₂)_n, where each n is independently selected from 0-4 and p is 0-2; R₁ and R₂ are independently selected from (un)substituted C3-12 cycloalkyl-A-, (un)substituted C3-8 heterocyclyl-A-, (un)substituted C6-10 aryl-A-, and (un)substituted C5-13 heteroaryl-A-, where A is a bond, C1-6 alkylene, C2-6 alkenylene, or C2-6 alkynylene; R₃ is selected from halo, C1-6 alkyl, C1-6 alkoxy, C1-6 hydroxyalkyl, C1-6 haloalkyl, C1-6 haloalkoxy, (un)substituted C6-10 aryl, (un)substituted C5-10 heteroaryl, (un)substituted C3-12 cycloalkyl, and (un)substituted C3-8 heterocyclyl; and R₄ is selected from (CH₂)_nO(CH₂)_nCO₂R₅ and (CH₂)_nCO₂R₅, where n is as defined previously and R₅ is H or C1-6 alkyl; including pharmaceutically acceptable salts, hydrates, solvates, isomers, and prodrugs thereof. The invention also relates to the preparation of I, pharmaceutical compns. comprising a therapeutically effective amount of compound I in combination with one or more pharmaceutically acceptable excipients, as well as to the use of the compns. to treat or prevent diseases or disorders associated with PPAR activity. Substitution of Me bromoacetate with 4-hydroxy-3-methylacetophenone followed by Baeyer-Villiger oxidation and methanolysis gave phenoxyacetate II, which underwent substitution of 3,5-dibromobenzyl bromide to give dibromobenzyl ether III. Treatment of III with an excess of 4-trifluoromethylphenylboronic acid and ester hydrolysis resulted in the formation of terphenyl IV. Most preferred compds. of the invention express an EC₅₀ value for PPAR δ of less than 100 nM. The compds. of

Updated Search

10518679

the invention are at least 100-fold selective for PPAR δ over PPAR γ .

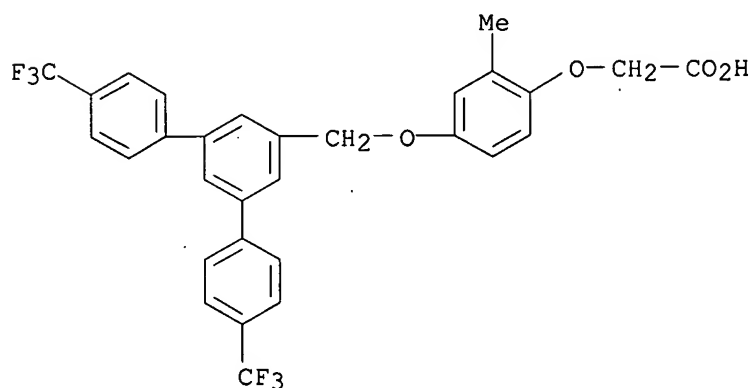
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870289-27-3P 870289-28-4P 870289-35-3P
870289-36-4P 870289-37-5P 870289-38-6P
870289-39-7P 870289-40-0P 870289-41-1P
870289-42-2P 870289-43-3P 870289-44-4P
870289-46-6P 870289-54-6P 870289-55-7P
870289-56-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of triaryl compds. as PPAR modulators and their use for treatment and prevention of diseases associated with PPAR δ activity)

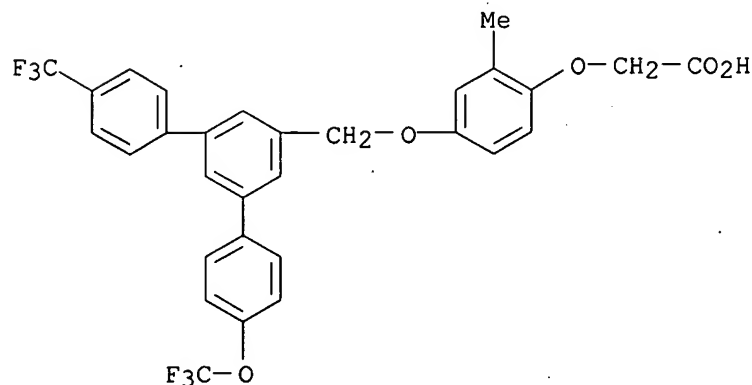
RN 870289-06-8 HCAPLUS

CN Acetic acid, [4-[[4,4''-bis(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 870289-09-1 HCAPLUS

CN Acetic acid, [2-methyl-4-[[4-(trifluoromethoxy)-4''-(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)

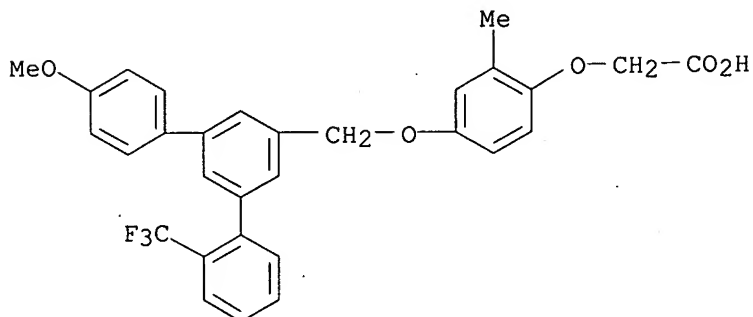


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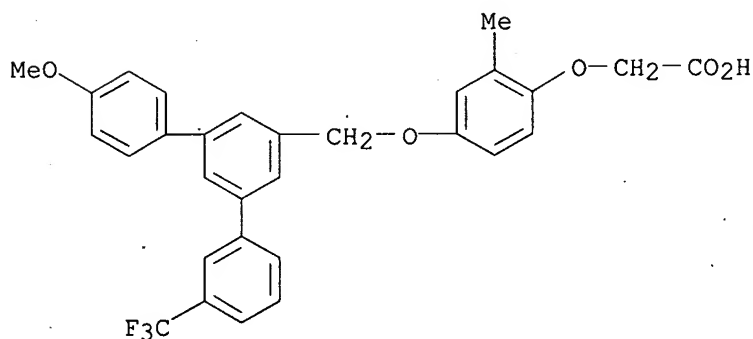
RN 870289-13-7 HCAPLUS

CN Acetic acid, [4-[[4''-methoxy-2-(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



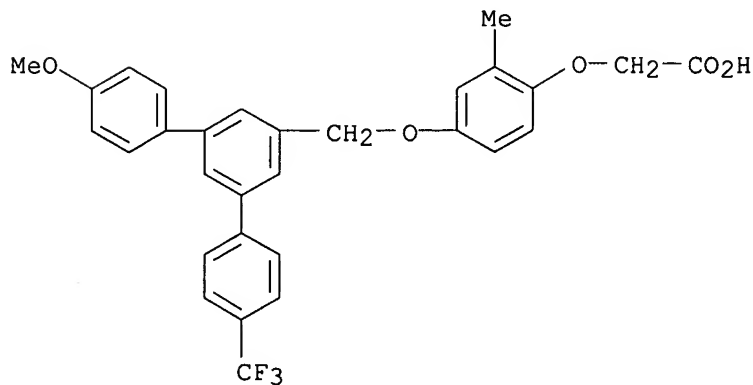
RN 870289-14-8 HCAPLUS

CN Acetic acid, [4-[[4''-methoxy-3-(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 870289-15-9 HCAPLUS

CN Acetic acid, [4-[[4-methoxy-4''-(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

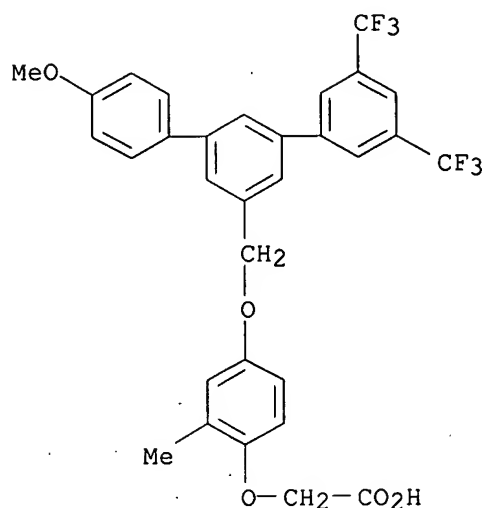


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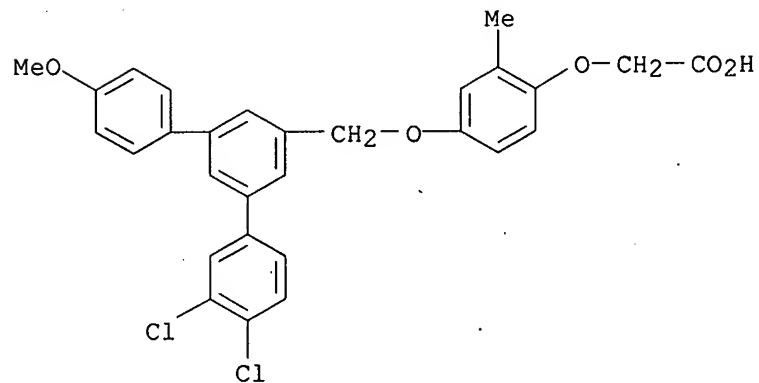
RN 870289-25-1 HCAPLUS

CN Acetic acid, [4-[[4''-methoxy-3,5-bis(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 870289-27-3 HCAPLUS

CN Acetic acid, [4-[(3,4-dichloro-4''-methoxy[1,1':3',1''-terphenyl]-5'-yl)methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

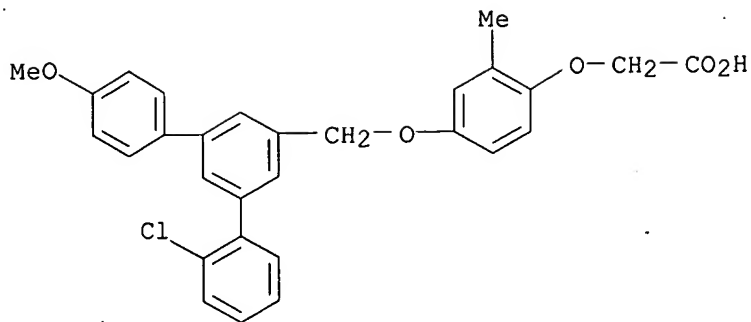


RN 870289-28-4 HCAPLUS

CN Acetic acid, [4-[(2-chloro-4''-methoxy[1,1':3',1''-terphenyl]-5'-yl)methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

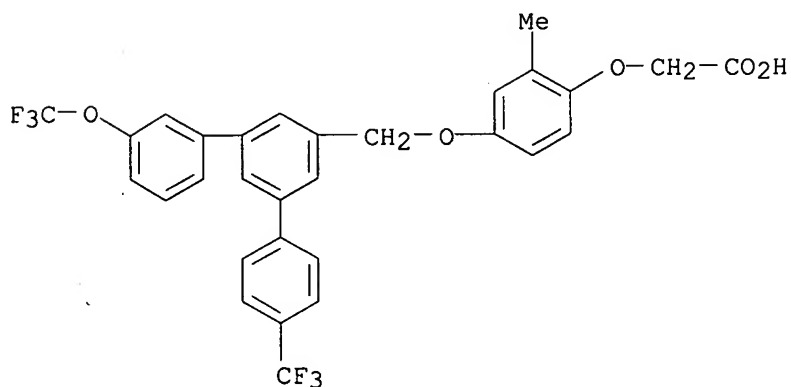
Updated Search

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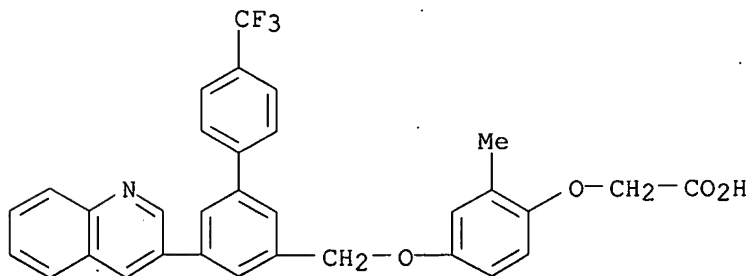
RN 870289-35-3 HCAPLUS

CN Acetic acid, [2-methyl-4-[[3-(trifluoromethoxy)-4'-(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]phenoxy]- (9CI)
(CA INDEX NAME)



RN 870289-36-4 HCAPLUS

CN Acetic acid, [2-methyl-4-[[5-(3-quinolinyl)-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)

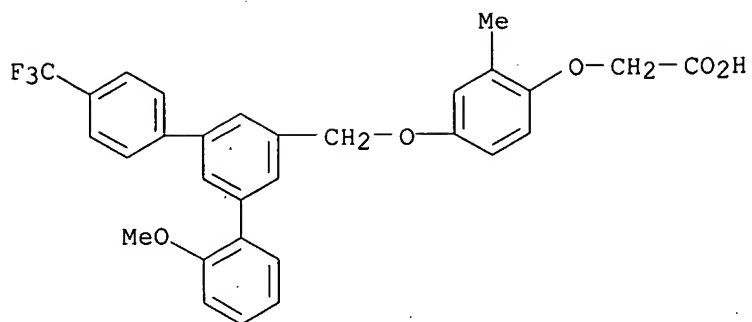


RN 870289-37-5 HCAPLUS

CN Acetic acid, [4-[[2-methoxy-4'-(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

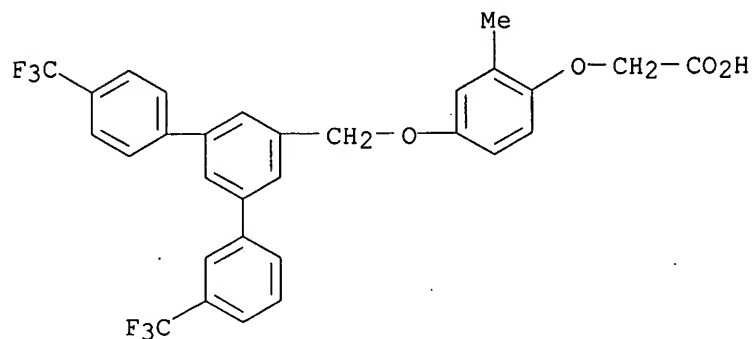
Updated Search

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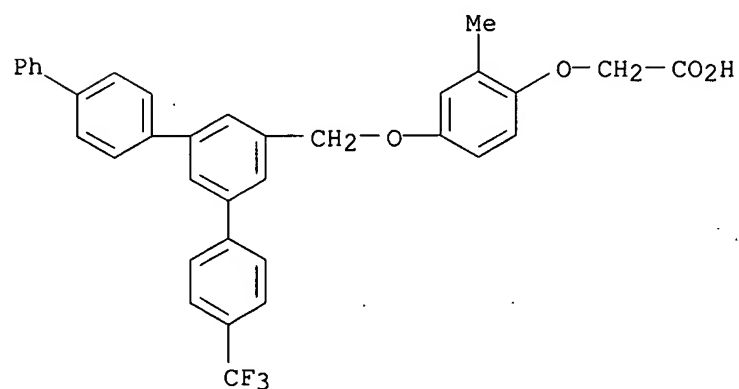
RN 870289-38-6 HCAPLUS

CN Acetic acid, [4-[[[3,4''-bis(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 870289-39-7 HCAPLUS

CN Acetic acid, [2-methyl-4-[[4-(trifluoromethyl)[1,1':3',1'':4'',1'''-quaterphenyl]-5'-yl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)

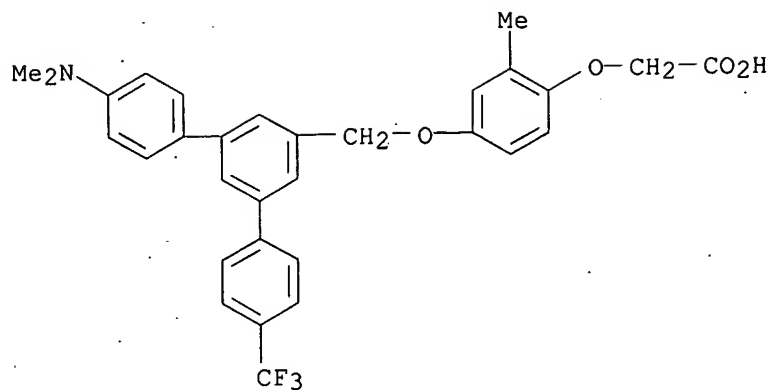


RN 870289-40-0 HCAPLUS

CN Acetic acid, [4-[[4-(dimethylamino)-4''-(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

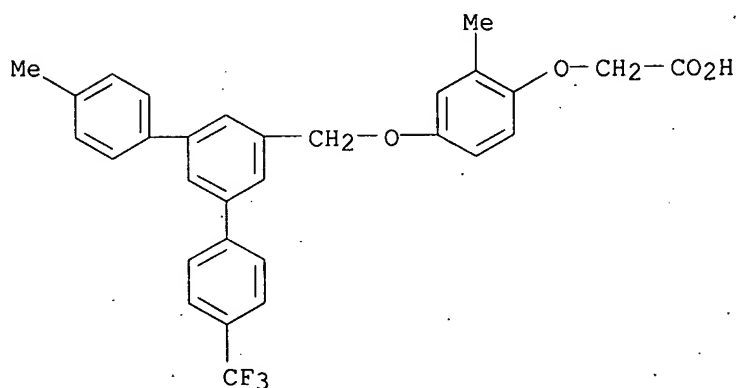
Updated Search

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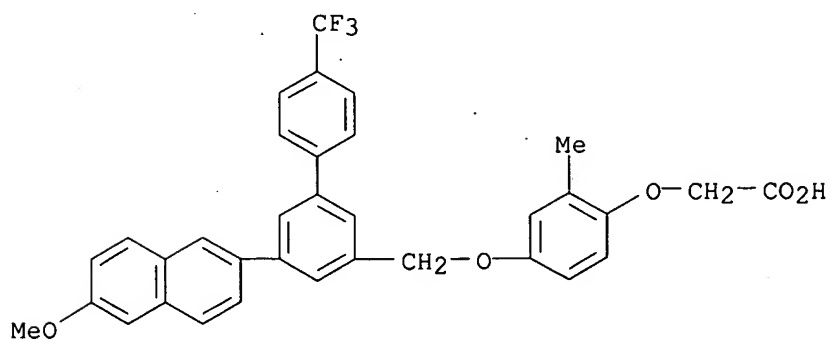
RN 870289-41-1 HCAPLUS

CN Acetic acid, [2-methyl-4-[[4-methyl-4'-(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 870289-42-2 HCAPLUS

CN Acetic acid, [4-[[5-(6-methoxy-2-naphthalenyl)-4'-(trifluoromethyl)[1,1':3',1''-biphenyl]-3-yl]methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

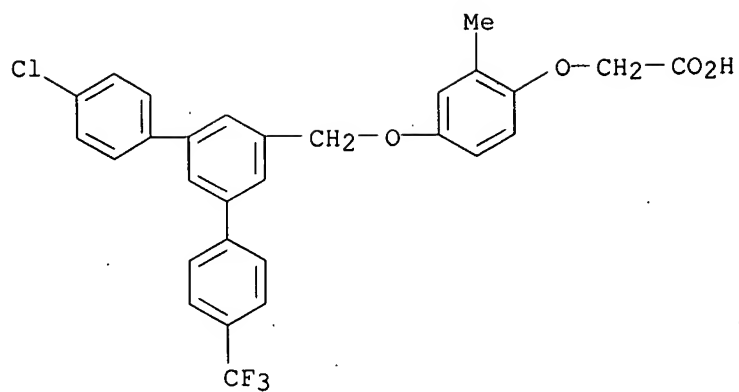


RN 870289-43-3 HCAPLUS

CN Acetic acid, [4-[[4-chloro-4'-(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

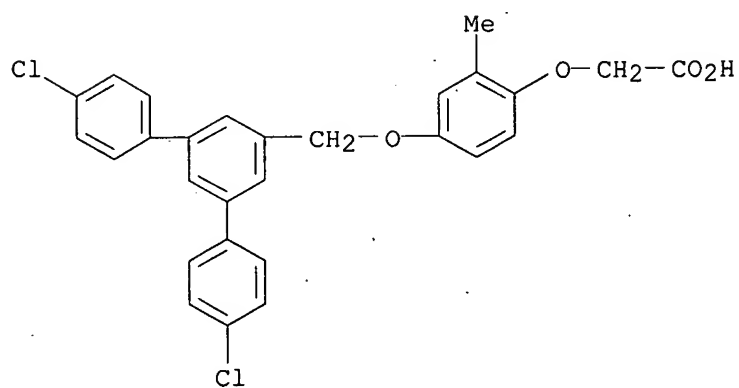
Updated Search

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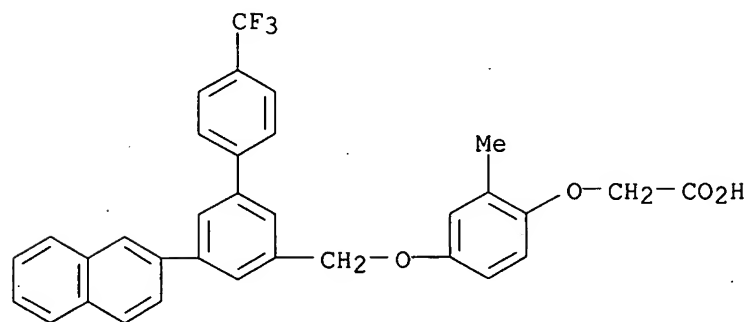
RN 870289-44-4 HCAPLUS

CN Acetic acid, [4-[(4,4''-dichloro[1,1':3',1''-terphenyl]-5'-yl)methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 870289-46-6 HCAPLUS

CN Acetic acid, [2-methyl-4-[[5-(2-naphthalenyl)-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)

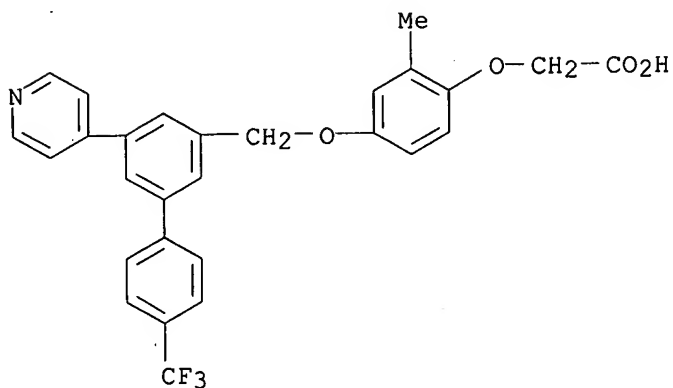


RN 870289-54-6 HCAPLUS

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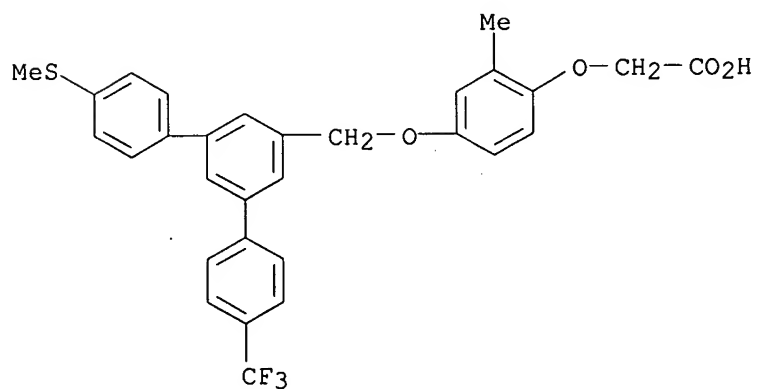
10518679

CN Acetic acid, [2-methyl-4-[[5-(4-pyridinyl)-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 870289-55-7 HCAPLUS

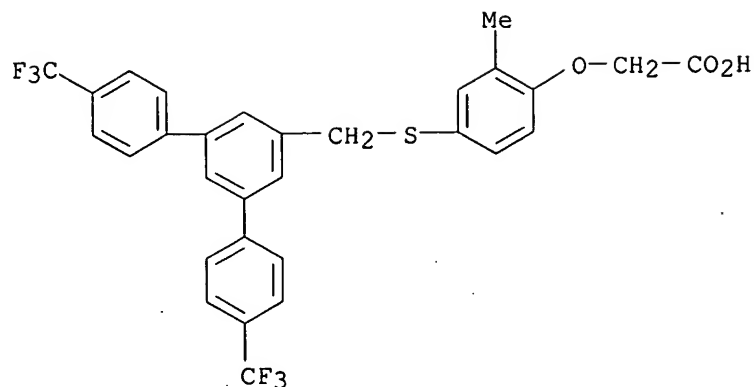
CN Acetic acid, [2-methyl-4-[[4-(methylthio)-4'-(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 870289-56-8 HCAPLUS

CN Acetic acid, [4-[[[4,4''-bis(trifluoromethyl)[1,1':3',1''-terphenyl]-5'-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

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REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:777848 HCAPLUS

DOCUMENT NUMBER: 145:262418

TITLE: A Critical Assessment of Docking Programs and Scoring Functions

AUTHOR(S): Warren, Gregory L.; Andrews, C. Webster; Capelli, Anna-Maria; Clarke, Brian; LaLonde, Judith; Lambert, Millard H.; Lindvall, Mika; Nevins, Neysa; Semus, Simon F.; Senger, Stefan; Tedesco, Giovanna; Wall, Ian D.; Woolven, James M.; Peishoff, Catherine E.; Head, Martha S.

CORPORATE SOURCE: GlaxoSmithKline Pharmaceuticals, Collegeville, PA, 19426, USA

SOURCE: Journal of Medicinal Chemistry (2006), 49(20), 5912-5931

CODEN: JMCMAR; ISSN: 0022-2623

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Docking is a computational technique that samples conformations of small mols. in protein binding sites; scoring functions are used to assess which of these conformations best complements the protein binding site. An evaluation of 10 docking programs and 37 scoring functions was conducted against eight proteins of seven protein types for three tasks: binding mode prediction, virtual screening for lead identification, and rank-ordering by affinity for lead optimization. All of the docking programs were able to generate ligand conformations similar to crystallog. determined protein/ligand complex structures for at least one of the targets. However, scoring functions were less successful at distinguishing the crystallog. conformation from the set of docked poses. Docking programs identified active compds. from a pharmaceutically relevant pool of decoy compds.; however, no single program performed well for all of the targets. For prediction of compound affinity, none of the docking programs or scoring functions made a useful prediction of ligand binding affinity.

IT 638215-26-6

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(critical assessment of docking programs and scoring functions)

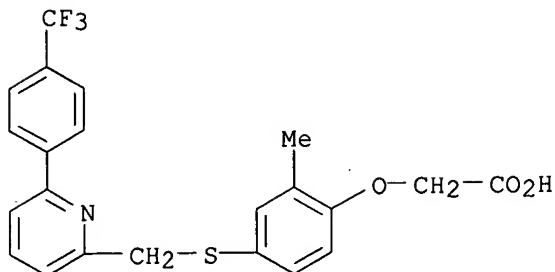
RN 638215-26-6 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[6-[4-(trifluoromethyl)phenyl]-2-

Updated Search

10518679

pyridinyl)methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

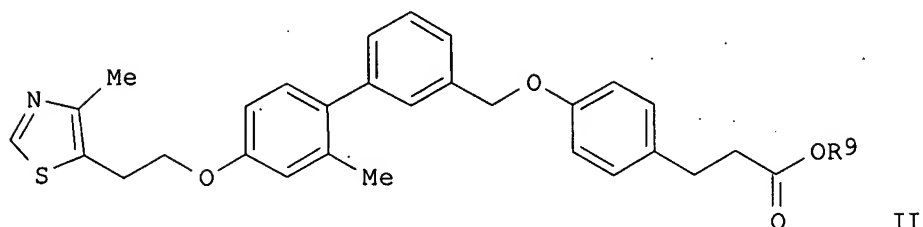
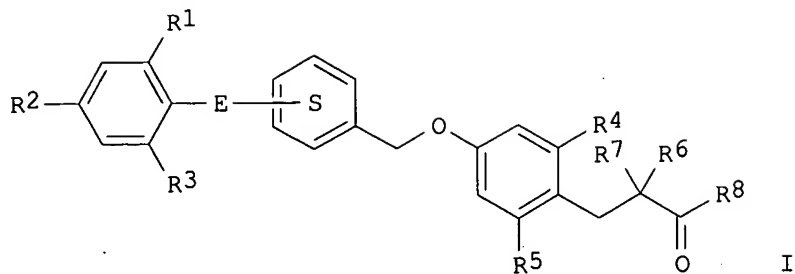


REFERENCE COUNT: 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:612272 HCAPLUS
 DOCUMENT NUMBER: 143:133168
 TITLE: A preparation of 3-(4-benzyloxyphenyl)propanoic acid derivatives, useful as GPR40 receptor modulators
 INVENTOR(S): Yasuma, Tsuneo; Kitamura, Shuji; Negoro, Nobuyuki
 PATENT ASSIGNEE(S): Takeda Pharmaceutical Company Limited, Japan
 SOURCE: PCT Int. Appl., 169 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005063729	A1	20050714	WO 2004-JP19741	20041224
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004309271	A1	20050714	AU 2004-309271	20041224
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JP 2006083154	A2	20060330	JP 2004-373701	20041224
EP 1697339	A1	20060906	EP 2004-808091	20041224
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU				
PRIORITY APPLN. INFO.:			JP 2003-431629	A 20031225
			JP 2004-241484	A 20040820
			WO 2004-JP19741	W 20041224
OTHER SOURCE(S):			MARPAT 143:133168	
GI				

Updated Search



AB The invention relates to a preparation of 3-(4-benzyloxyphenyl)propanoic acid derivs. of formula I [wherein: R1, R3, R4, and R5 are independently H, halogen, or hydrocarbon, etc.; R2 is halogen, NO₂, NH₂, or hydrocarbon, etc.; R6 and R7 are independently H, halogen, or alkoxy; R8 is H or (un)substituted amino-group; E is a bond, alkylene, or alkylene-O-alkylene, etc.; S is (un)substituted benzene] having a superior GPR40 receptor function modulating action, which can be used as an insulin secretagogue, an agent for the prophylaxis or treatment of diabetes. The invention compds. showed superior GPR40 receptor agonist activity, and also show superior properties as a pharmaceutical product, such as stability and the like. For instance, 3-(4-benzyloxyphenyl)propanoic acid derivative II (R₉ = H; EC₅₀ = 0.01 μM) was prepared via hydrolysis of ester II (R₉ = Me) with a yield of 77%.

IT 858096-92-1P 858097-00-4P 858097-32-2P

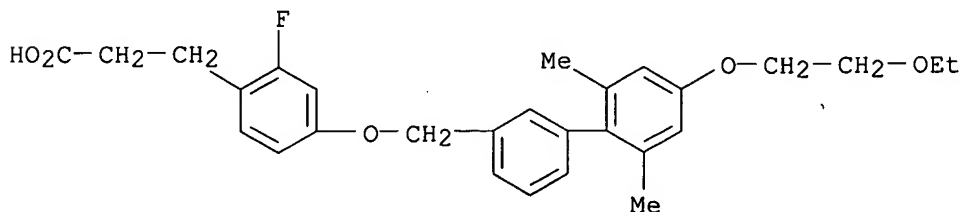
858097-45-7P 858097-50-4P 858097-72-0P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of 3-(4-benzyloxyphenyl)propanoic acid derivs. useful as GPR40 receptor modulators)

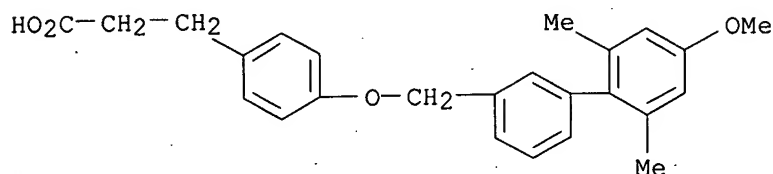
RN 858096-92-1 HCAPLUS

CN Benzenepropanoic acid, 4-[[4'-(2-ethoxyethoxy)-2',6'-dimethyl[1,1'-biphenyl]-3-yl]methoxy]-2-fluoro- (9CI) (CA INDEX NAME)

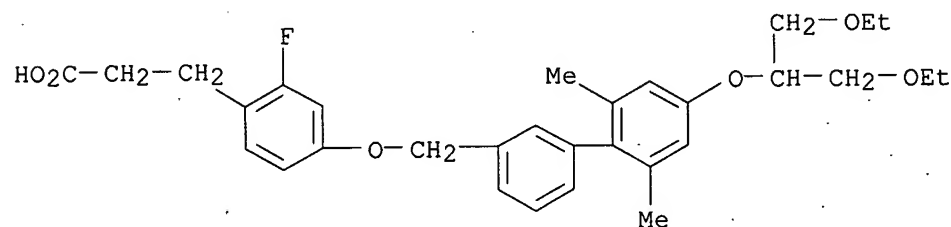


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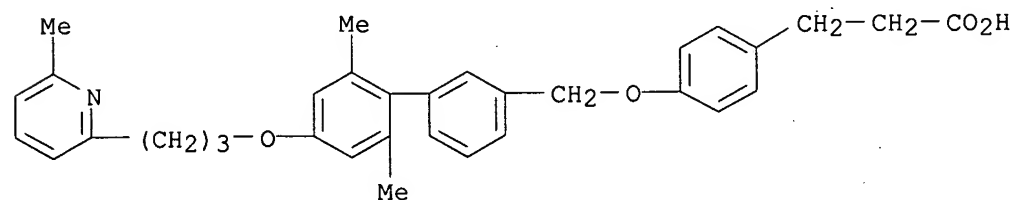
RN 858097-00-4 HCAPLUS
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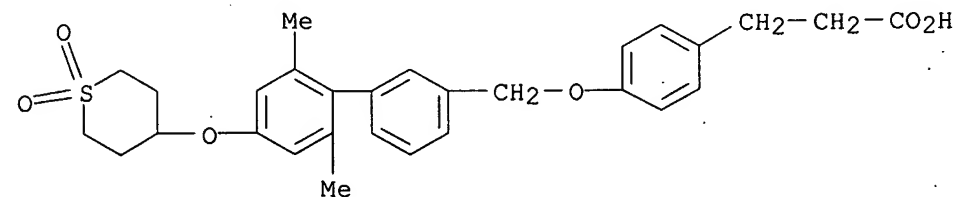
RN 858097-32-2 HCAPLUS
CN Benzenepropanoic acid, 4-[[4'-[2-ethoxy-1-(ethoxymethyl)ethoxy]-2',6'-dimethyl[1,1'-biphenyl]-3-yl)methoxy]-2-fluoro- (9CI) (CA INDEX NAME)



RN 858097-45-7 HCAPLUS
CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[3-(6-methyl-2-pyridinyl)propoxy][1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)



RN 858097-50-4 HCAPLUS
CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[(tetrahydro-1,1-dioxido-2H-thiopyran-4-yl)oxy][1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)

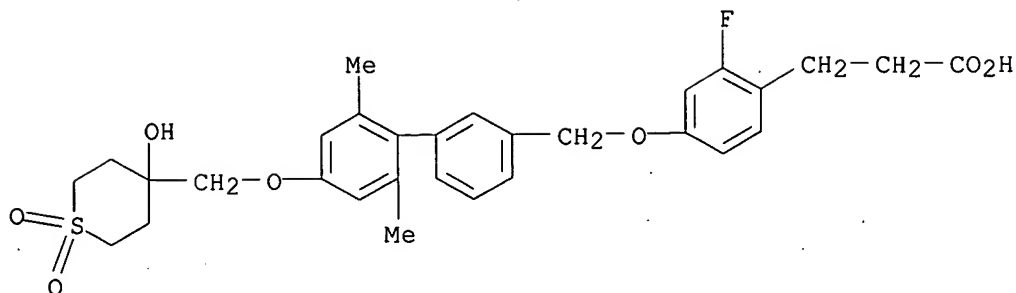


RN 858097-72-0 HCAPLUS
CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[(tetrahydro-4-hydroxy-1,1-dioxido-2H-thiopyran-4-yl)methoxy][1,1'-biphenyl]-3-yl)methoxy]-2-fluoro-

Updated Search

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(9CI) (CA INDEX NAME)



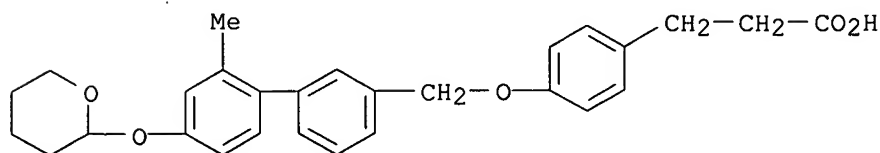
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858096-78-3P 858096-80-7P 858096-82-9P
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858096-90-9P 858096-95-4P 858096-97-6P
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858097-94-6P 858097-98-0P 858097-99-1P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 3-(4-benzyloxyphenyl)propanoic acid derivs. useful as GPR40 receptor modulators)

RN 858096-72-7 HCAPLUS

CN Benzenepropanoic acid, 4-[[2'-methyl-4'-[(tetrahydro-2H-pyran-2-yl)oxy][1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)

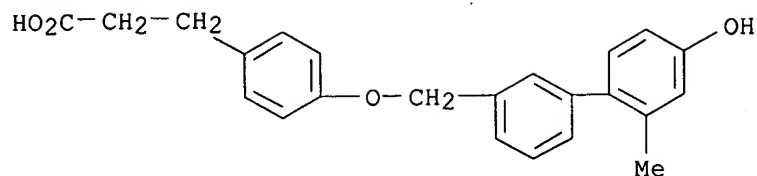


RN 858096-74-9 HCAPLUS

CN Benzenepropanoic acid, 4-[(4'-hydroxy-2'-methyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)

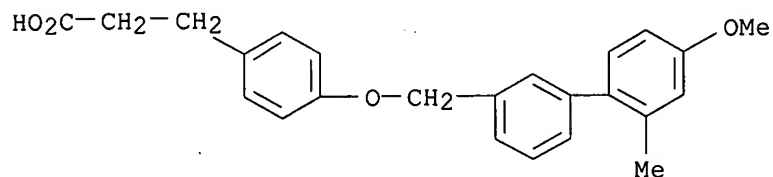
Updated Search

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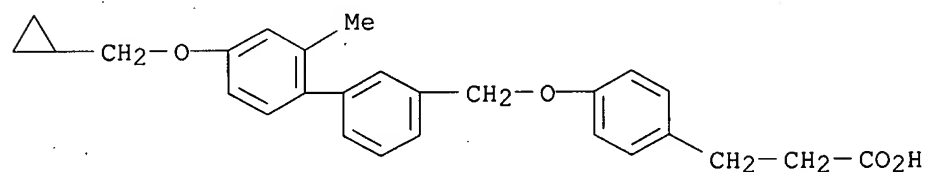
RN 858096-76-1 HCAPLUS

CN Benzenepropanoic acid, 4-[(4'-methoxy-2'-methyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)



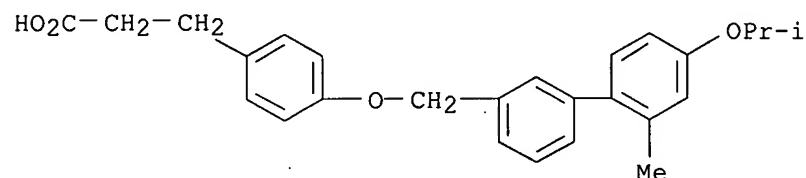
RN 858096-78-3 HCAPLUS

CN Benzenepropanoic acid, 4-[[4'-(cyclopropylmethoxy)-2'-methyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)



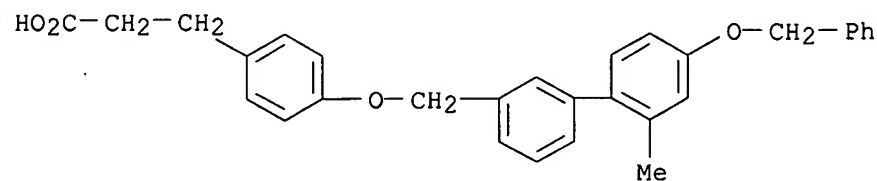
RN 858096-80-7 HCAPLUS

CN Benzenepropanoic acid, 4-[[2'-methyl-4'-(1-methylethoxy)[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)



RN 858096-82-9 HCAPLUS

CN Benzenepropanoic acid, 4-[[2'-methyl-4'-(phenylmethoxy)[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)

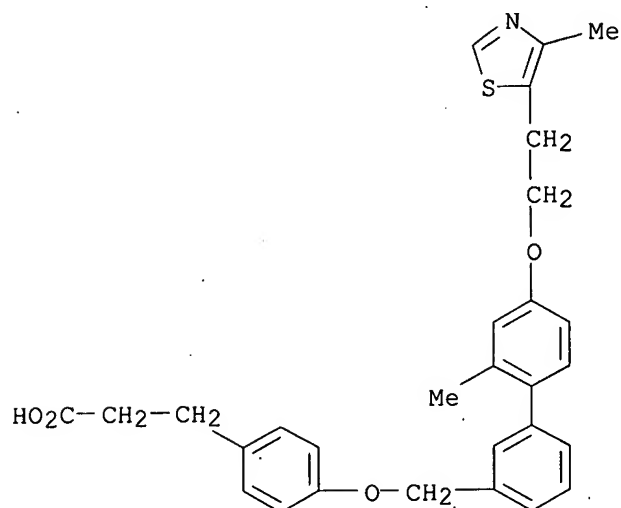


Updated Search

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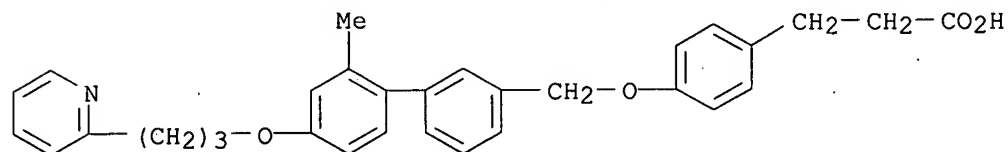
RN 858096-84-1 HCAPLUS

CN Benzenepropanoic acid, 4-[[2'-methyl-4'-[2-(4-methyl-5-thiazolyl)ethoxy][1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)



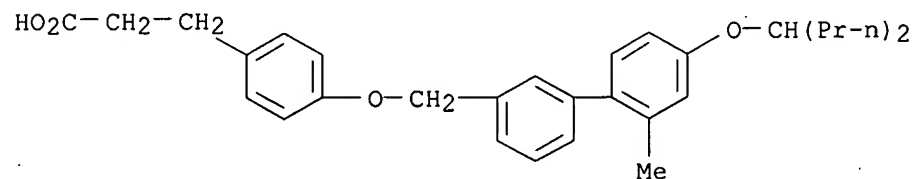
RN 858096-86-3 HCAPLUS

CN Benzenepropanoic acid, 4-[[2'-methyl-4'-[3-(2-pyridinyl)propoxy][1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)



RN 858096-88-5 HCAPLUS

CN Benzenepropanoic acid, 4-[[2'-methyl-4'-(1-propylbutoxy)[1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)

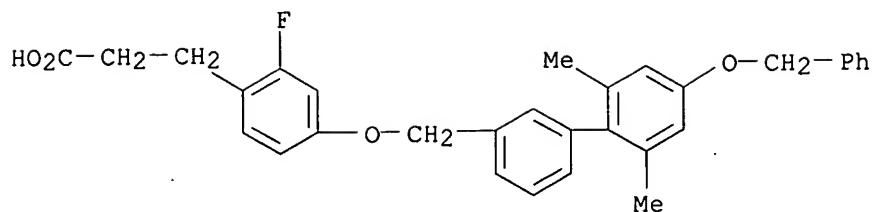


RN 858096-90-9 HCAPLUS

CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-(phenylmethoxy)[1,1'-biphenyl]-3-yl]methoxy]-2-fluoro- (9CI) (CA INDEX NAME)

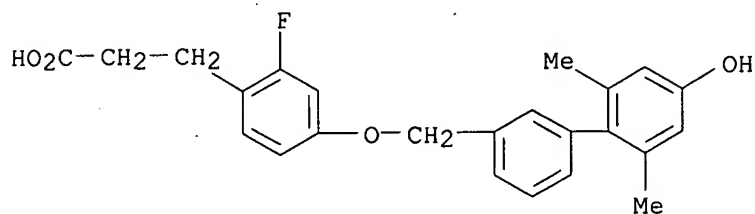
Updated Search

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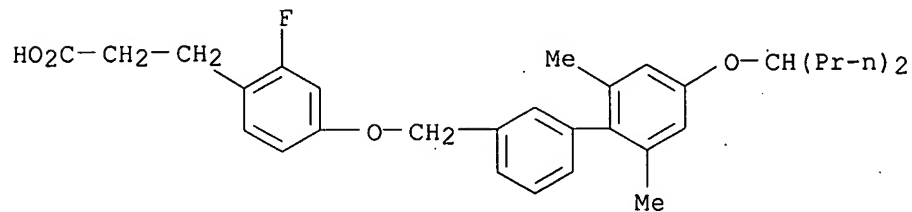
RN 858096-95-4 HCAPLUS

CN Benzenepropanoic acid, 2-fluoro-4-[(4'-hydroxy-2',6'-dimethyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)



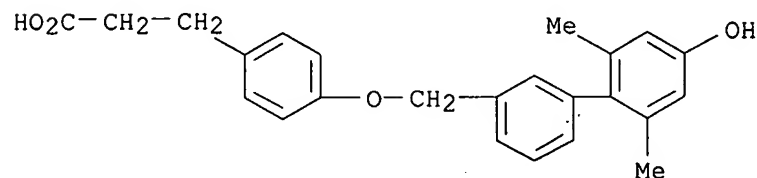
RN 858096-97-6 HCAPLUS

CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-(1-propylbutoxy)[1,1'-biphenyl]-3-yl)methoxy]-2-fluoro- (9CI) (CA INDEX NAME)



RN 858097-01-5 HCAPLUS

CN Benzenepropanoic acid, 4-[(4'-hydroxy-2',6'-dimethyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)

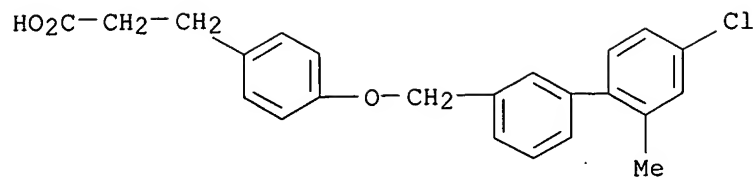


RN 858097-03-7 HCAPLUS

CN Benzenepropanoic acid, 4-[(4'-chloro-2'-methyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)

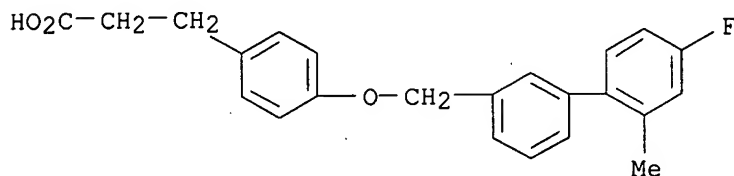
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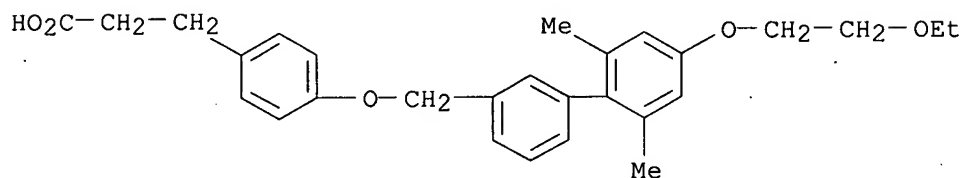
RN 858097-05-9 HCAPLUS

CN Benzenepropanoic acid, 4-[(4'-fluoro-2'-methyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)



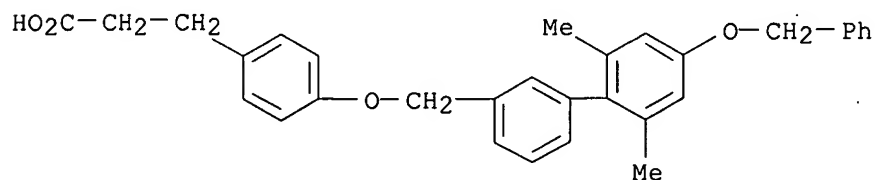
RN 858097-07-1 HCAPLUS

CN Benzenepropanoic acid, 4-[[4'-(2-ethoxyethoxy)-2',6'-dimethyl[1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)



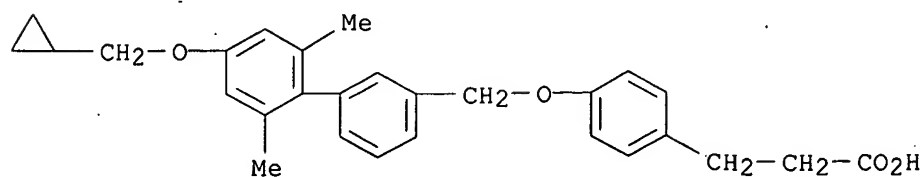
RN 858097-09-3 HCAPLUS

CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-(phenylmethoxy)[1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)



RN 858097-11-7 HCAPLUS

CN Benzenepropanoic acid, 4-[[4'-(cyclopropylmethoxy)-2',6'-dimethyl[1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)



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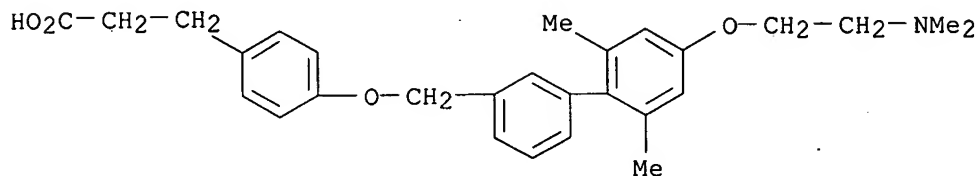
RN 858097-14-0 HCAPLUS

CN Benzenepropanoic acid, 4-[[4'-[2-(dimethylamino)ethoxy]-2',6'-dimethyl[1,1'-biphenyl]-3-yl]methoxy]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 858097-13-9

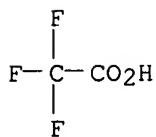
CMF C28 H33 N O4



CM 2

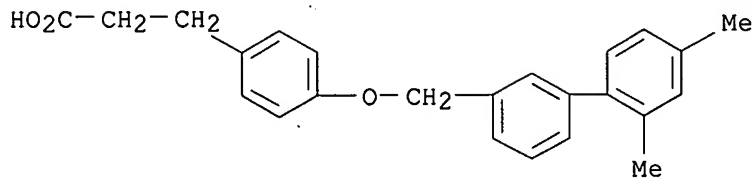
CRN 76-05-1

CMF C2 H F3 O2



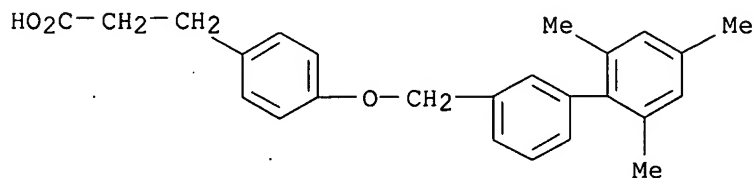
RN 858097-16-2 HCAPLUS

CN Benzenepropanoic acid, 4-[(2',4'-dimethyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)



RN 858097-18-4 HCAPLUS

CN Benzenepropanoic acid, 4-[(2',4',6'-trimethyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)

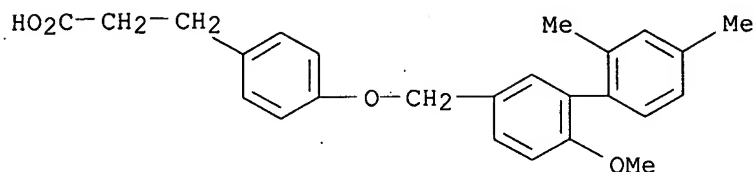


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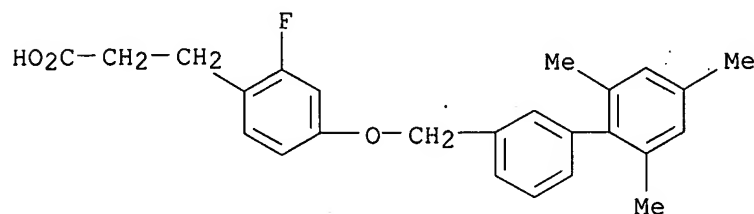
RN 858097-20-8 HCAPLUS

CN Benzenepropanoic acid, 4-[(6-methoxy-2',4'-dimethyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)



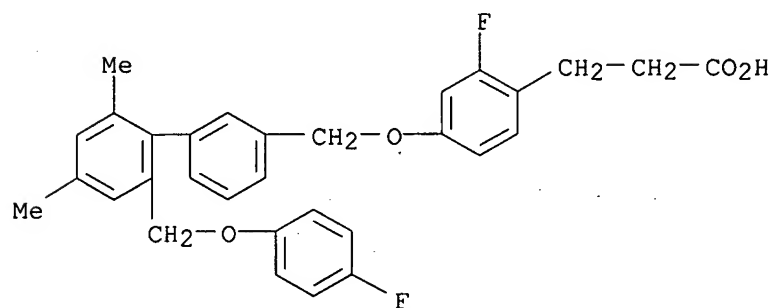
RN 858097-22-0 HCAPLUS

CN Benzenepropanoic acid, 2-fluoro-4-[(2',4',6'-trimethyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)



RN 858097-25-3 HCAPLUS

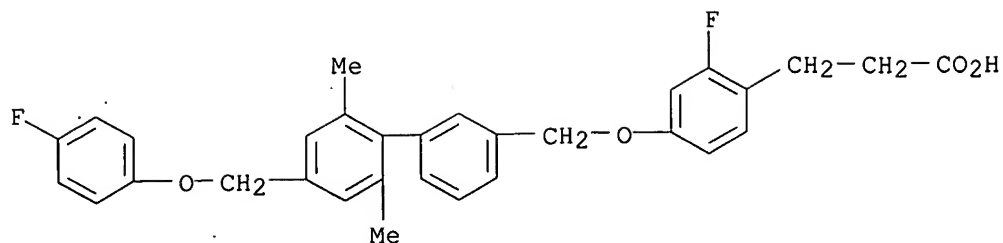
CN Benzenepropanoic acid, 2-fluoro-4-[[2'-[(4-fluorophenoxy)methyl]-4',6'-dimethyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)



RN 858097-26-4 HCAPLUS

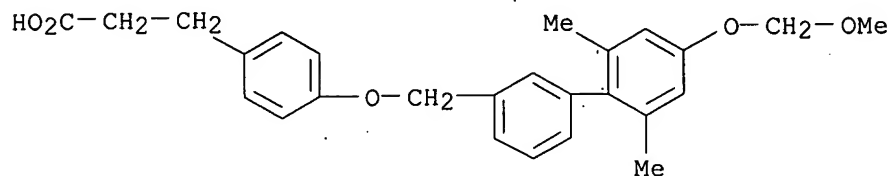
CN Benzenepropanoic acid, 2-fluoro-4-[[4'-[(4-fluorophenoxy)methyl]-2',6'-dimethyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)

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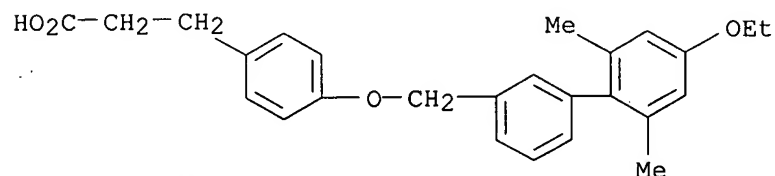
RN 858097-35-5 HCAPLUS

CN Benzenepropanoic acid, 4-[[4'-(methoxymethoxy)-2',6'-dimethyl[1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)



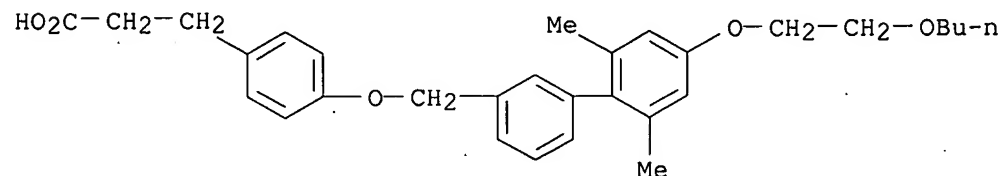
RN 858097-36-6 HCAPLUS

CN Benzenepropanoic acid, 4-[(4'-ethoxy-2',6'-dimethyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)



RN 858097-37-7 HCAPLUS

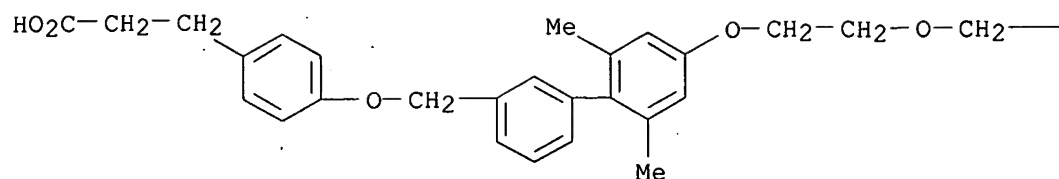
CN Benzenepropanoic acid, 4-[[4'-(2-butoxyethoxy)-2',6'-dimethyl[1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)



RN 858097-38-8 HCAPLUS

CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[2-(phenylmethoxy)ethoxy][1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)

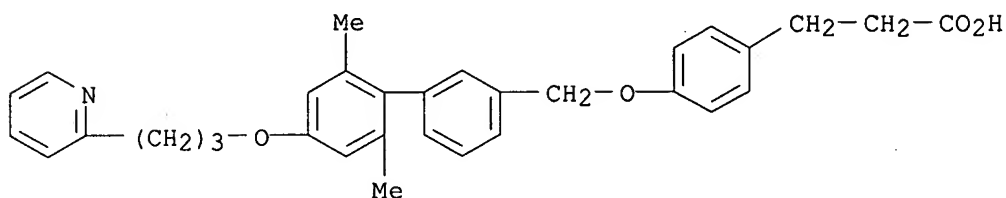
Updated Search



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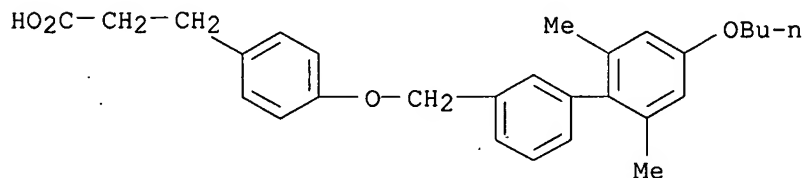
RN 858097-39-9 HCAPLUS

CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[3-(2-pyridinyl)propoxy][1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)



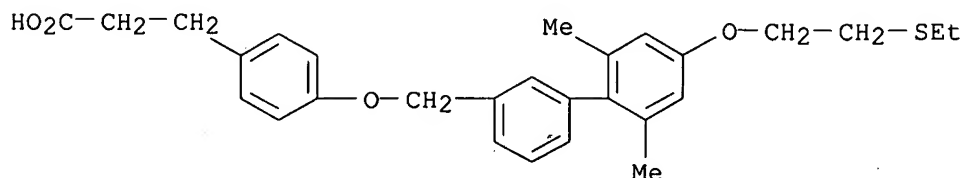
RN 858097-40-2 HCAPLUS

CN Benzenepropanoic acid, 4-[[4'-butoxy-2',6'-dimethyl[1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)



RN 858097-42-4 HCAPLUS

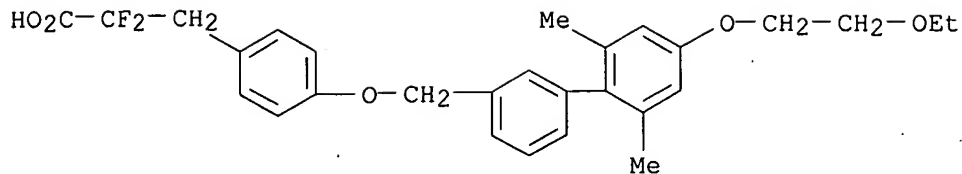
CN Benzenepropanoic acid, 4-[[4'-[2-(ethylthio)ethoxy]-2',6'-dimethyl[1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)



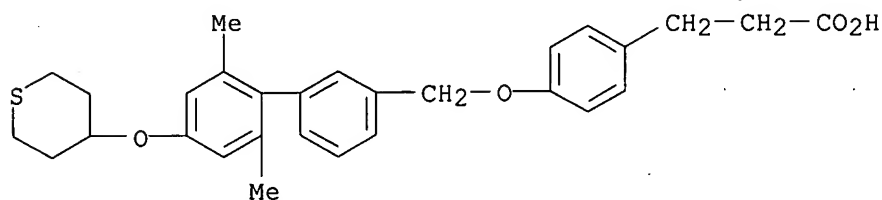
RN 858097-47-9 HCAPLUS

CN Benzenepropanoic acid, 4-[[4'-(2-ethoxyethoxy)-2',6'-dimethyl[1,1'-biphenyl]-3-yl]methoxy]-α,α-difluoro- (9CI) (CA INDEX NAME)

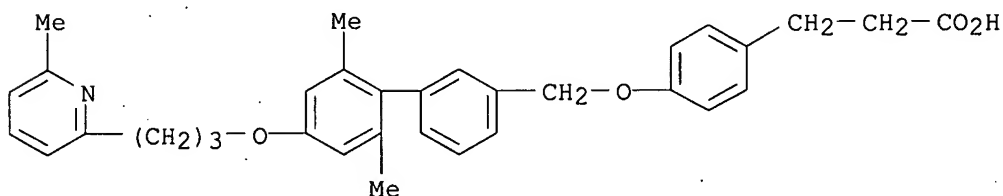
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RN 858097-49-1 HCAPLUS
CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[(tetrahydro-2H-thiopyran-4-yl)oxy][1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)



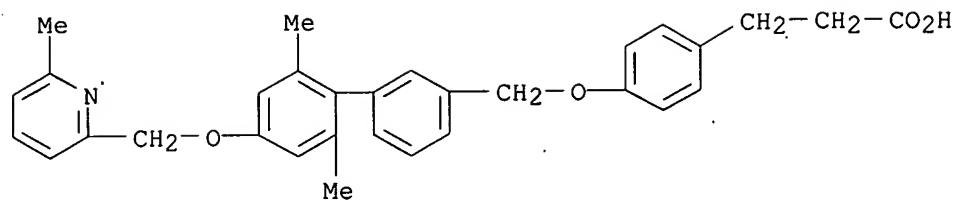
RN 858097-51-5 HCAPLUS
CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[3-(6-methyl-2-pyridinyl)propoxy][1,1'-biphenyl]-3-yl]methoxy]-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 858097-52-6 HCAPLUS
CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[(6-methyl-2-pyridinyl)methoxy][1,1'-biphenyl]-3-yl]methoxy]-, hydrochloride (9CI) (CA INDEX NAME)

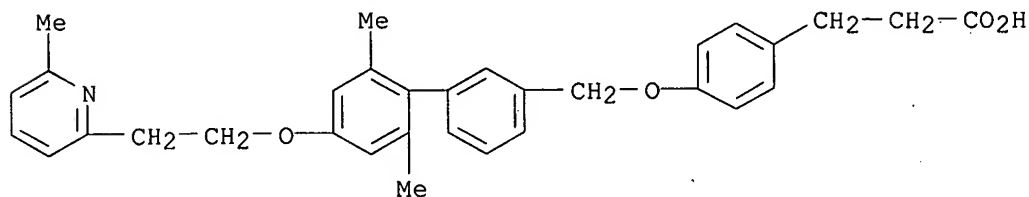
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● HCl

RN 858097-53-7 HCAPLUS

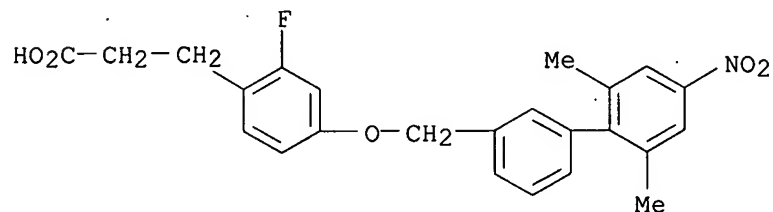
858097-55-7 HCA1E05
 CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[2-(6-methyl-2-pyridinyl)ethoxy][1,1'-biphenyl]-3-yl]methoxy]-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 858097-55-9 HCAPLUS

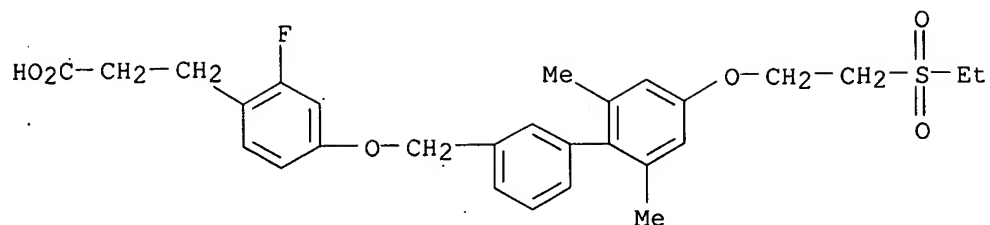
Benzenepropanoic acid, 4-[(2',6'-dimethyl-4'-nitro[1,1'-biphenyl]-3-yl)methoxy]-2-fluoro- (9CI) (CA INDEX NAME)



RN 858097-58-2 HCAPLUS

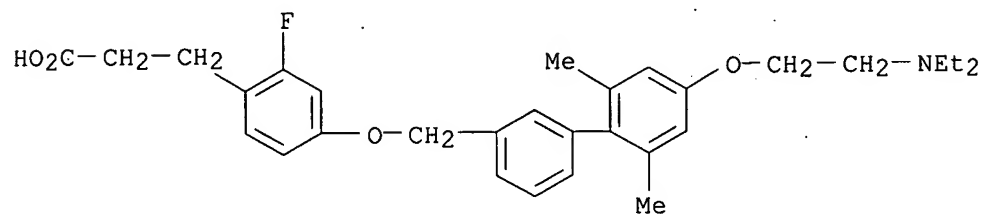
Benzenepropanoic acid, 4-[[4'-[2-(ethylsulfonyl)ethoxy]-2',6'-dimethyl[1,1'-biphenyl]-3-yl]methoxy]-2-fluoro- (9CI) (CA INDEX NAME)

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RN 858097-60-6 HCAPLUS

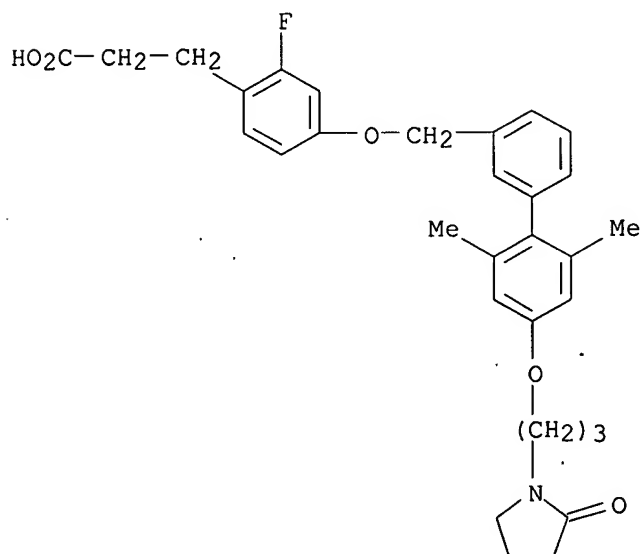
CN Benzenepropanoic acid, 4-[[4'-[2-(diethylamino)ethoxy]-2',6'-dimethyl[1,1'-biphenyl]-3-yl]methoxy]-2-fluoro-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 858097-62-8 HCAPLUS

CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[3-(2-oxo-1-pyrrolidinyl)propoxy][1,1'-biphenyl]-3-yl]methoxy]-2-fluoro- (9CI) (CA INDEX NAME)



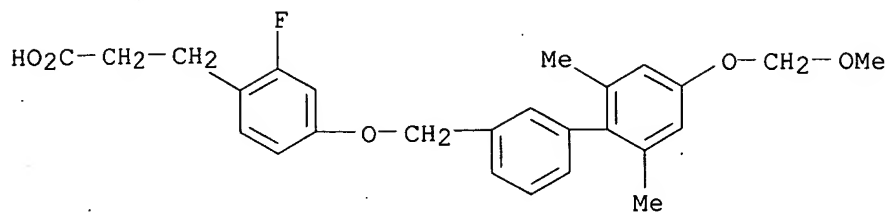
RN 858097-64-0 HCAPLUS

CN Benzenepropanoic acid, 2-fluoro-4-[[4'-(methoxymethoxy)-2',6'-

Updated Search

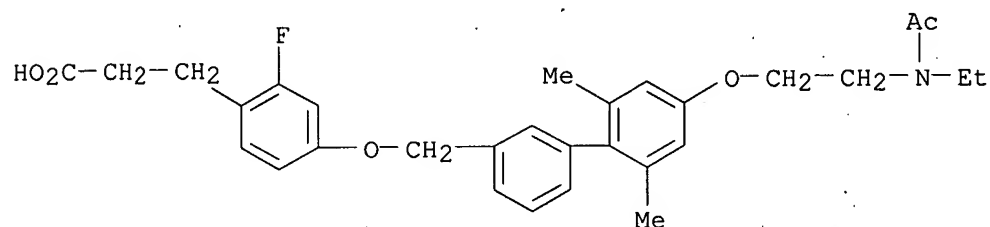
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dimethyl[1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)



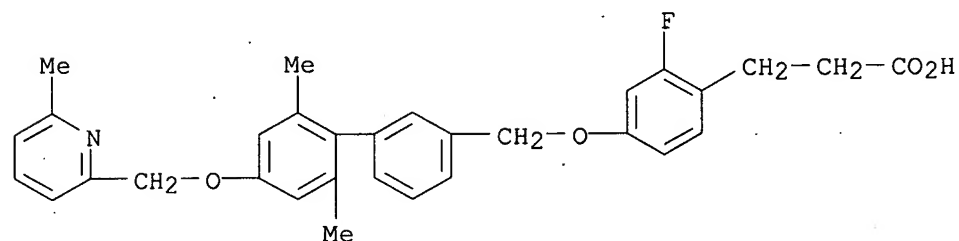
RN 858097-67-3 HCAPLUS

CN Benzenepropanoic acid, 4-[[4'-[2-(acetylethylamino)ethoxy]-2',6'-dimethyl[1,1'-biphenyl]-3-yl]methoxy]-2-fluoro- (9CI) (CA INDEX NAME)



RN 858097-69-5 HCAPLUS

CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[(6-methyl-2-pyridinyl)methoxy][1,1'-biphenyl]-3-yl]methoxy]-2-fluoro-, hydrochloride (9CI) (CA INDEX NAME)



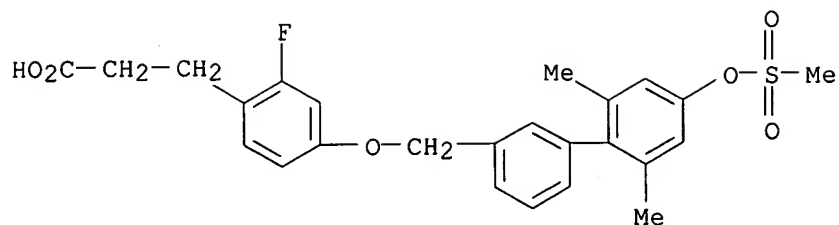
● HCl

RN 858097-74-2 HCAPLUS

CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[(methylsulfonyl)oxy][1,1'-biphenyl]-3-yl]methoxy]-2-fluoro- (9CI) (CA INDEX NAME)

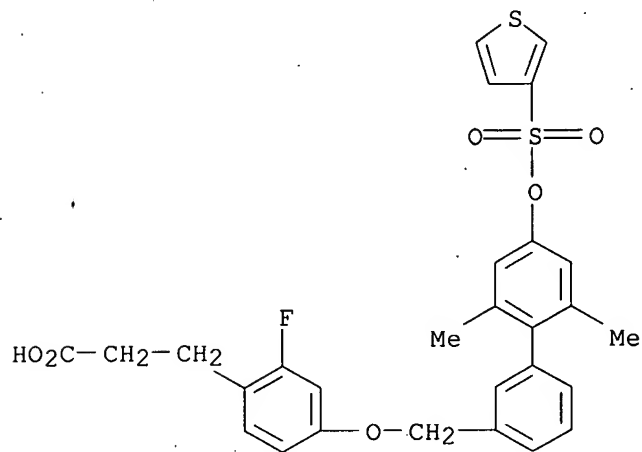
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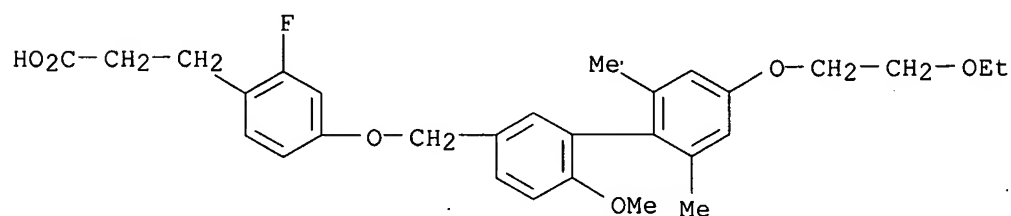
RN. 858097-76-4 HCAPLUS

CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[(3-thienylsulfonyl)oxy][1,1'-biphenyl]-3-yl]methoxy]-2-fluoro- (9CI) (CA INDEX NAME)



RN 858097-78-6 HCAPLUS

CN Benzenepropanoic acid, 4-[[4'-(2-ethoxyethoxy)-6-methoxy-2',6'-dimethyl[1,1'-biphenyl]-3-yl]methoxy]-2-fluoro- (9CI) (CA INDEX NAME)



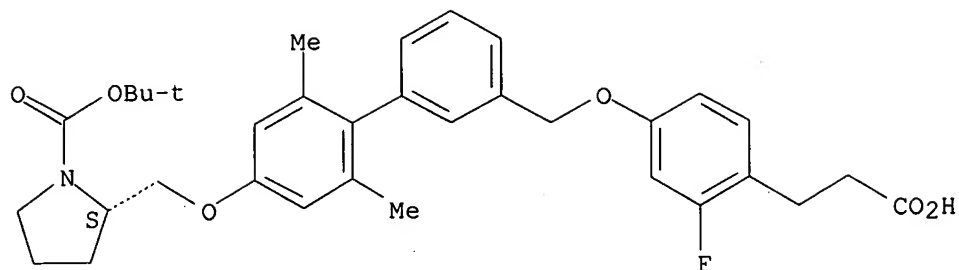
RN 858097-80-0 HCAPLUS

CN 1-Pyrrolidinecarboxylic acid, 2-[[[3'-[[4-(2-carboxyethyl)-3-fluorophenoxy]methyl]-2,6-dimethyl[1,1'-biphenyl]-4-yl]oxy]methyl]-, 1-(1,1-dimethylethyl) ester, (2S)- (9CI) (CA INDEX NAME)

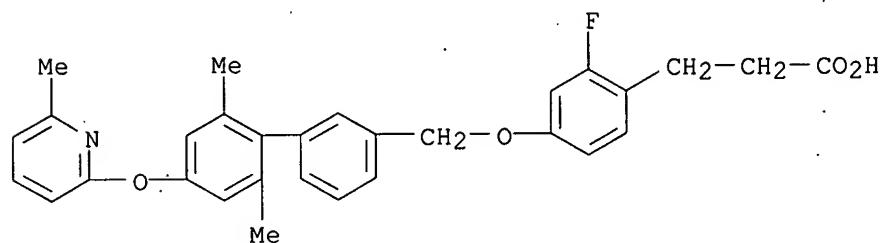
Absolute stereochemistry.

Updated Search

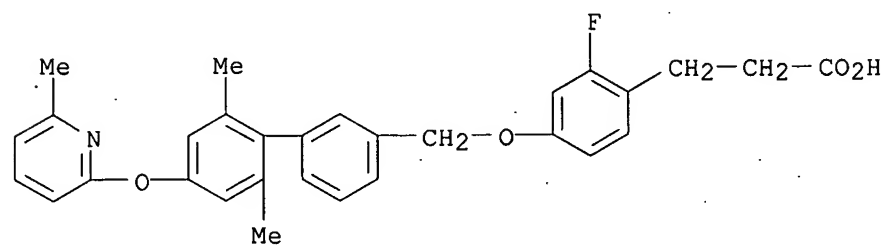
10518679



RN 858097-82-2 HCAPLUS
CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[(6-methyl-2-pyridinyl)oxy][1,1'-biphenyl]-3-yl]methoxy]-2-fluoro- (9CI) (CA INDEX NAME)



RN 858097-83-3 HCAPLUS
CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[(6-methyl-2-pyridinyl)oxy][1,1'-biphenyl]-3-yl]methoxy]-2-fluoro-, hydrochloride (9CI) (CA INDEX NAME)

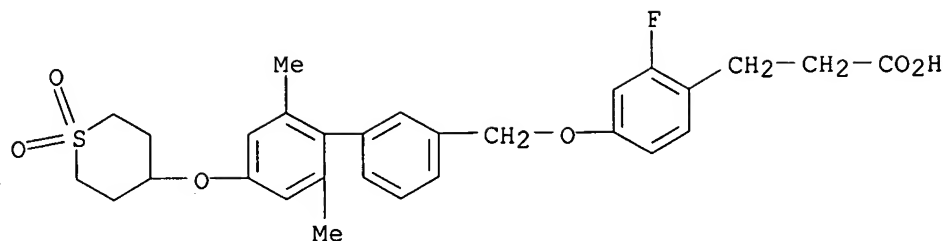


● HCl

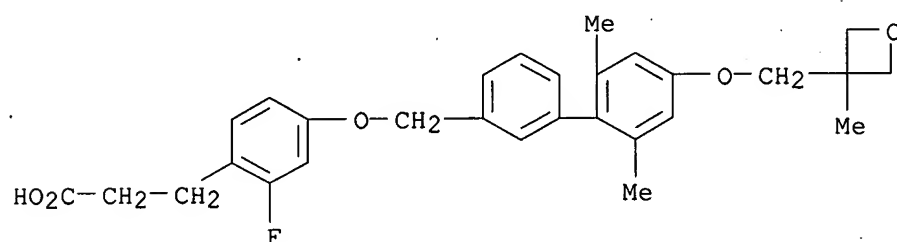
RN 858097-86-6 HCAPLUS
CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[(tetrahydro-1,1-dioxido-2H-thiopyran-4-yl)oxy][1,1'-biphenyl]-3-yl]methoxy]-2-fluoro- (9CI) (CA INDEX NAME)

Updated Search

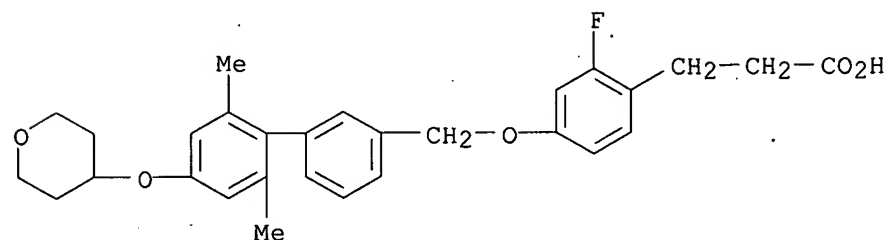
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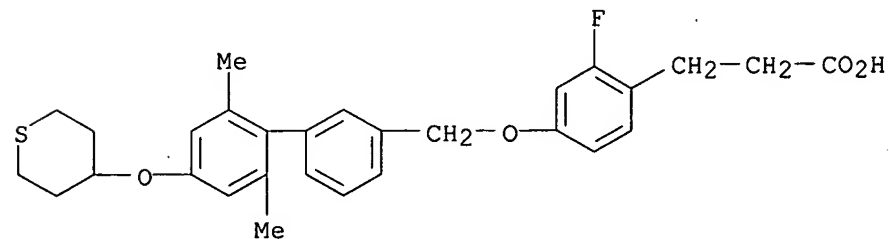
RN 858097-89-9 HCAPLUS
CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[(3-methyl-3-oxetanyl)methoxy][1,1'-biphenyl]-3-yl]methoxy]-2-fluoro- (9CI) (CA INDEX NAME)



RN 858097-91-3 HCAPLUS
CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[(tetrahydro-2H-pyran-4-yl)oxy][1,1'-biphenyl]-3-yl]methoxy]-2-fluoro- (9CI) (CA INDEX NAME)



RN 858097-92-4 HCAPLUS
CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-4'-[(tetrahydro-2H-thiopyran-4-yl)oxy][1,1'-biphenyl]-3-yl]methoxy]-2-fluoro- (9CI) (CA INDEX NAME)

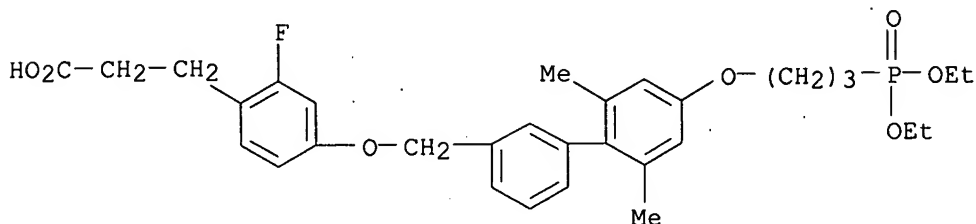


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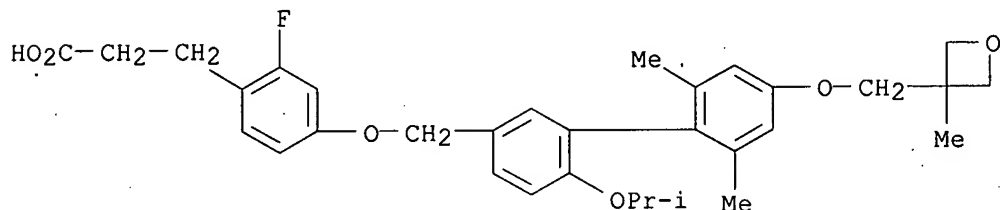
RN 858097-94-6 HCAPLUS

CN Benzenepropanoic acid, 4-[[4'-[3-(diethoxyphosphinyl)propoxy]-2',6'-dimethyl[1,1'-biphenyl]-3-yl]methoxy]-2-fluoro- (9CI) (CA INDEX NAME)



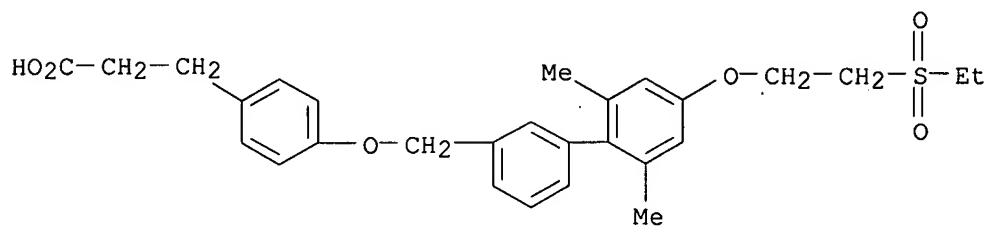
RN 858097-98-0 HCAPLUS

CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-6-(1-methylethoxy)-4'-[(3-methyl-3-oxetanyl)methoxy][1,1'-biphenyl]-3-yl]methoxy]-2-fluoro- (9CI) (CA INDEX NAME)



RN 858097-99-1 HCAPLUS

CN Benzenepropanoic acid, 4-[[4'-[2-(ethylsulfonyl)ethoxy]-2',6'-dimethyl[1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:587179 HCAPLUS

DOCUMENT NUMBER: 143:97158

TITLE: Preparation of biphenyl compounds as PPAR δ agonists, pharmaceuticals containing them, and their uses

INVENTOR(S): Uchiyama, Katsuya; Miyauchi, Hiroshi; Uno, Shinsaku

PATENT ASSIGNEE(S): Sumitomo Pharmaceutical Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 39 pp.

CODEN: JKXXAF

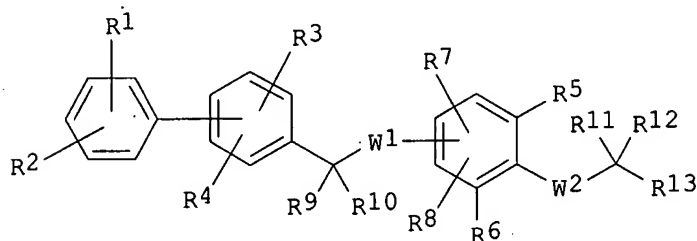
Updated Search

10518679

DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005179281	A2	20050707	JP 2003-423747	20031219
PRIORITY APPLN. INFO.:			JP 2003-423747	20031219
OTHER SOURCE(S):	MARPAT	143:97158		

GI



AB Claimed are biphenyl compds. I [R1-R8 = H, OH, (un)substituted C1-6 alkyl, C2-6 alkenyl, C1-6alkoxy, C6-10 arylsulfonyloxy, C5-7 cyclic aminocarbonyl, cyano, halo, etc.; adjacent 2 groups among R1-R8 may be linked to each other to form a condensed benzene, 5-6-membered (un)saturated carbocyclyl optionally containing 1-2 heteroatom; R9 = H, F, (un)substituted C1-6 alkyl, C1-11 acyl, carboxy; R9 and R10 may be linked to form C3-7 cycloalkane ring; R9 and/or R10 = substituent; R11, R12 = H, F, (un)substituted C1-6 alkyl; R11 and R12 may be linked to form C3-7 cycloalkane ring; W1, W2 = O, S, NR16 [R16 = H, (un)substituted C1-6 alkyl]; R13 = carboxy, (un)substituted C2-7 alkoxy carbonyl, C3-7 alkenyloxycarbonyl, carbamoyl, etc.] or their salts. Also claimed are pharmaceuticals, PPAR δ activators, blood HDL concentration-increasing agents, agents for treating low blood HDL, and antiarteriosclerotic agents containing I (salts). Thus, (+)-[4-[1-[4-fluoro-4'-(trifluoromethyl)-1,1'-biphenyl-3-yl]ethoxy]-2-methylphenoxy]acetic acid (II), obtained by chiral chromatog. resolution of the racemate which was prepared from 5-bromo-2-fluorobenzaldehyde and 4-(trifluoromethyl)phenylboronic acid with 5 steps, showed PPAR δ -agonistic activity at ED50 of 14 nM. Oral administration of II to mice for 6 wk showed 28% increase in blood HDL cholesterol concentration

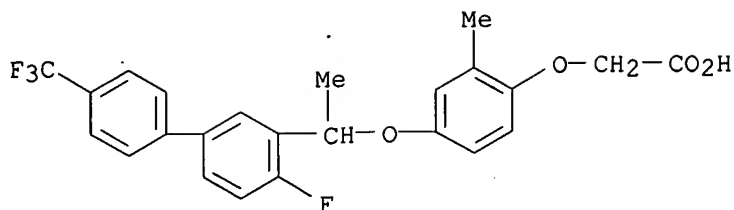
IT 857086-21-6P
 RL: PAC (Pharmacological activity); PEP (Physical, engineering or chemical process); PYP (Physical process); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)

(preparation of biphenyl compds. as PPAR δ agonists for increasing blood HDL and treating arteriosclerosis)

RN 857086-21-6 HCAPLUS

CN Acetic acid, [4-[1-[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]ethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

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IT 857086-34-1P 857086-35-2P

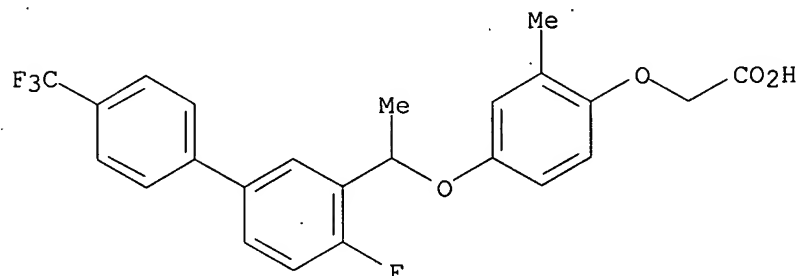
RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of biphenyl compds. as PPAR δ agonists for increasing blood HDL and treating arteriosclerosis)

RN 857086-34-1 HCAPLUS

CN Acetic acid, [4-[1-[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]ethoxy]-2-methylphenoxy]-, (+)- (9CI) (CA INDEX NAME)

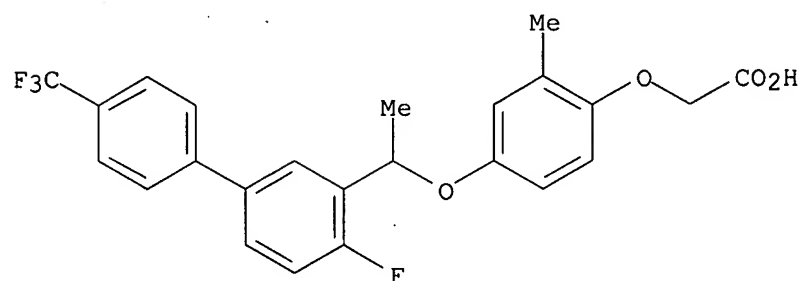
Rotation (+).



RN 857086-35-2 HCAPLUS

CN Acetic acid, [4-[1-[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]ethoxy]-2-methylphenoxy]-, (-)- (9CI) (CA INDEX NAME)

Rotation (-).



IT 857086-22-7P 857086-23-8P 857086-24-9P

857086-25-0P 857086-26-1P 857086-27-2P

857086-28-3P 857086-29-4P 857086-30-7P

857086-31-8P 857086-32-9P 857086-33-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

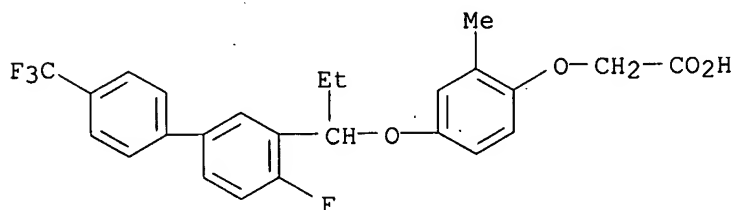
Updated Search

10518679

(preparation of biphenyl compds. as PPAR δ agonists for increasing blood HDL and treating arteriosclerosis)

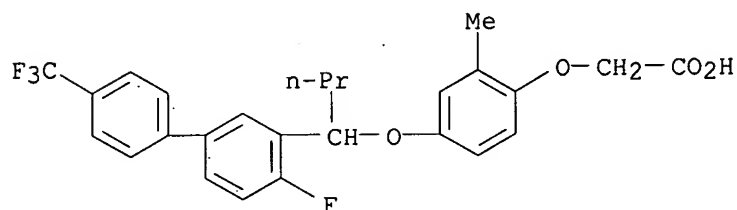
RN 857086-22-7 HCAPLUS

CN Acetic acid, [4-[1-[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]propoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



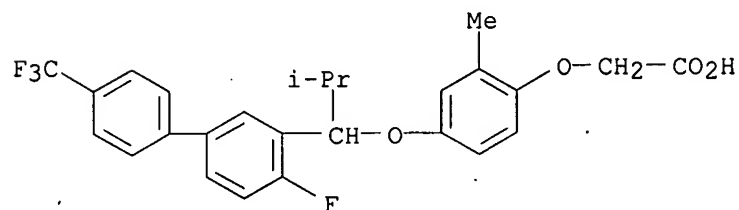
RN 857086-23-8 HCAPLUS

CN Acetic acid, [4-[1-[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 857086-24-9 HCAPLUS

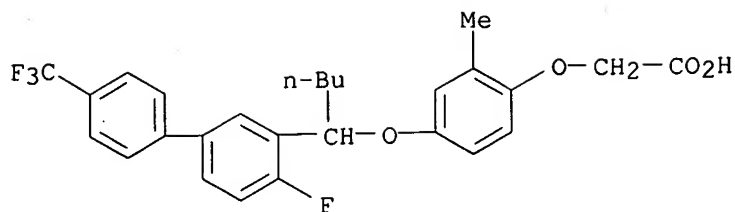
CN Acetic acid, [4-[1-[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]-2-methylpropoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 857086-25-0 HCAPLUS

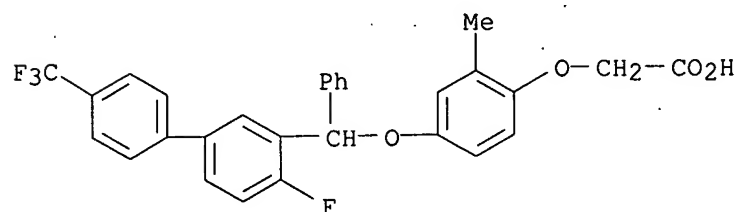
CN Acetic acid, [4-[1-[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]pentyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

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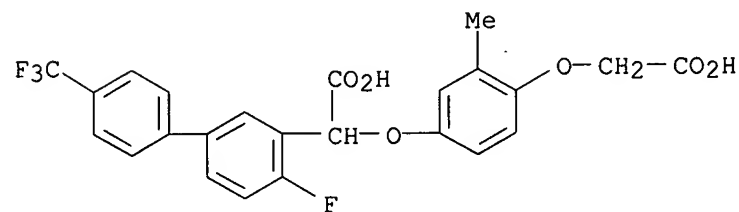
RN 857086-26-1 HCAPLUS

CN Acetic acid, [4-[[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]phenylmethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



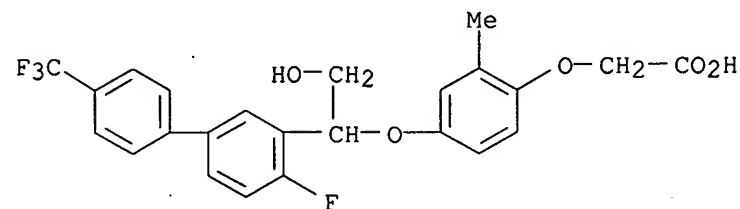
RN 857086-27-2 HCAPLUS

CN [1,1'-Biphenyl]-3-acetic acid, α-[4-(carboxymethoxy)-3-methylphenoxy]-4-fluoro-4'-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 857086-28-3 HCAPLUS

CN Acetic acid, [4-[1-[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]-2-hydroxyethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

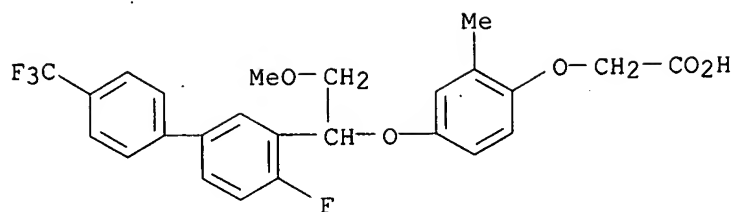


RN 857086-29-4 HCAPLUS

CN Acetic acid, [4-[1-[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]-2-methoxyethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

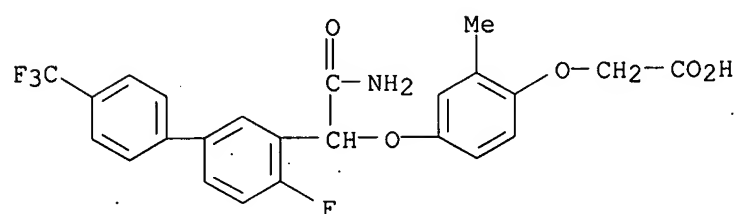
Updated Search

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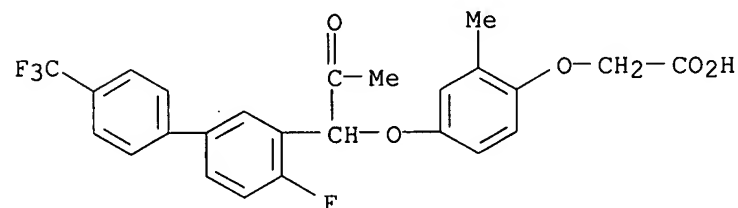
RN 857086-30-7 HCAPLUS

CN Acetic acid, [4-[2-amino-1-[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]-2-oxoethoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



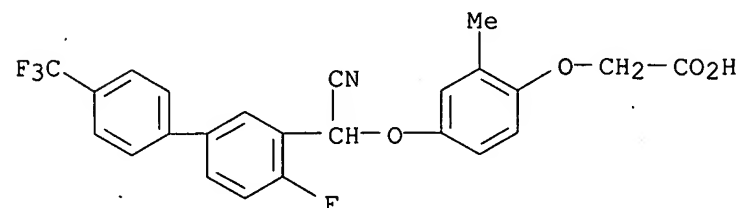
RN 857086-31-8 HCAPLUS

CN Acetic acid, [4-[1-[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]-2-oxopropoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 857086-32-9 HCAPLUS

CN Acetic acid, [4-[cyano[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

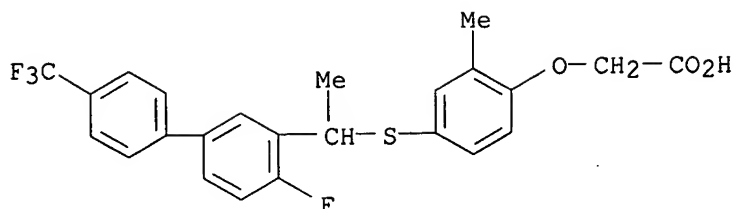


RN 857086-33-0 HCAPLUS

CN Acetic acid, [4-[1-[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]ethylthio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Updated Search

10518679

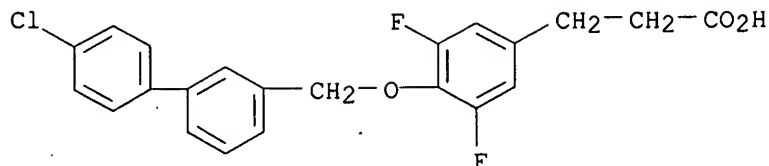


L7 ANSWER 7 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:493499 HCAPLUS
 DOCUMENT NUMBER: 143:48037
 TITLE: Receptor function regulating agent
 INVENTOR(S): Fukatsu, Kohji; Fujii, Ryo; Kobayashi, Makoto;
 Yonemori, Jinichi; Tanaka, Toshio
 PATENT ASSIGNEE(S): Takeda Pharmaceutical Company Limited, Japan
 SOURCE: PCT Int. Appl., 344 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005051373	A1	20050609	WO 2004-JP17996	20041126
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2547430	AA	20050609	CA 2004-2547430	20041126
EP 1688138	A1	20060809	EP 2004-799921	20041126
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
PRIORITY APPLN. INFO.:			JP 2003-394848	A 20031126
			WO 2004-JP17996	W 20041126
AB	A 14273 receptor function regulating agent useful as a preventive/therapeutic agent for diabetes, hyperlipemia, etc. There is provided a 14273 receptor function regulating agent comprising a compound having a group capable of releasing an aromatic ring and a cation.			
IT	853010-30-7P RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (receptor function regulating agent)			
RN	853010-30-7 HCAPLUS			
CN	Benzenepropanoic acid, 4-[(4'-chloro[1,1'-biphenyl]-3-yl)methoxy]-3,5-difluoro- (9CI) (CA INDEX NAME)			

Updated Search

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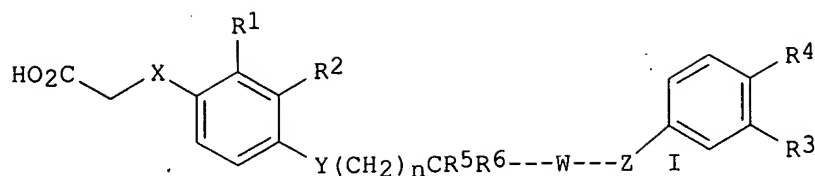


REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 8 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:409470 HCAPLUS
DOCUMENT NUMBER: 142:463453
TITLE: Preparation of 4-((phenoxyalkyl)thio)phenoxyacetic acids and analogs as PPAR δ agonists for treating conditions like dyslipidemia
INVENTOR(S): Kuo, Gee-Hong; Zhang, Rui; Wang, Aihua; Deangelis, Alan R.
PATENT ASSIGNEE(S): Janssen Pharmaceutica, N.V., Belg.
SOURCE: PCT Int. Appl., 146 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005042478	A2	20050512	WO 2004-US30375	20040916
WO 2005042478	A3	20050721		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2004285849	A1	20050512	AU 2004-285849	20040916
CA 2539446	AA	20050512	CA 2004-2539446	20040916
US 2005124698	A1	20050609	US 2004-942478	20040916
EP 1667964	A2	20060614	EP 2004-816875	20040916
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK			
BR 2004014268	A	20061107	BR 2004-14268	20040916
NO 2006001728	A	20060619	NO 2006-1728	20060419
PRIORITY APPLN. INFO.:			US 2003-504146P	P 20030919
			WO 2004-US30375	W 20040916
OTHER SOURCE(S):	MARPAT 142:463453			
GI				

Updated Search



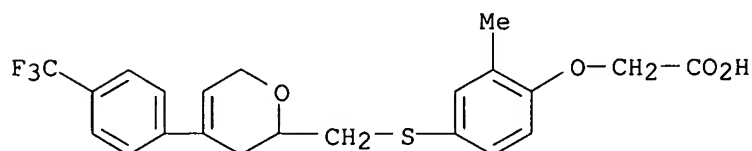
AB The invention features 4-((phenoxyalkyl)thio)-phenoxyacetic acids and analogs (shown as I; variables defined below; e.g. [2-methyl-4-[[2-methyl-3-[(4-trifluoromethylphenyl)oxy]propyl]sulfanyl]phenoxy]acetic acid (II)), compns. containing them, and methods of using them as PPAR δ modulators to treat or inhibit the progression of, for example, dyslipidemia. For I: X = a covalent bond, S, or O; Y is S or O; ---W--- represents a =CH-, -CH=, -CH2-, -CH2CH2-, =CHCH2-, -CH2CH=, =CHCH=, and -CH:CH-; Z = O, CH, and CH2, provided when Y is O, Z is O; R1 and R2 = H, C1-3 alkyl, C1-3 alkoxy, halo, and NRaRb wherein; Ra and Rb = H or C1-3 alkyl; R3 and R4 = H, halo, cyano, hydroxy, acetyl, C1-5 alkyl, C1-4 alkoxy, and NRcRd wherein R_c and R_d = H or C1-3 alkyl, provided that R3 and R4 are not both H; R5 = halo, Ph, phenoxy, (phenyl)C1-5alkoxy, (phenyl)C1-5-alkyl, C2-5heteroaryloxy, C2-5heteroarylC1-5alkoxy, C2-5heterocyclyloxy, C1-9 alkyl, C1-8 alkoxy, C2-9 alkenyl, C2-9 alkenyloxy, C2-9 alkynyl, C2-9 alkynyloxy, C3-7 cycloalkyl, C3-7 cycloalkoxy, C3-7cycloalkyl-C1-7-alkyl, C3-7cycloalkyl-C1-7-alkoxy, C3-7cycloalkyloxy-C1-6alkyl, C1-6alkoxy-C1-6alkyl, C1-5alkoxy-C1-5alkoxy, or C3-7cycloalkyloxy-C1-7alkoxy; R6 is H when ---W--- = -CH=, -CH2-, -CH2CH2-, -CH2CH=, and -CH:CH-, or R6 is absent when ---W--- = =CH-, =CHCH2-, and =CHCH=; and n = 1 or 2. EC50 values for PPAR δ for 47 examples of I are tabulated. Although the methods of preparation are not claimed, .apprx.40 example preps. are included. For example, II was prepared from (4-mercapto-2-methylphenoxy)acetic acid Et ester and the mesylate of 2-methyl-3-[4-(trifluoromethyl)phenoxy]-1-propanol followed by saponification; preps. of the starting materials are also described.

IT 851529-54-9P, [2-Methyl-4-[[[4-(4-trifluoromethylphenyl)-3,6-dihydro-2H-pyran-2-yl]methyl]sulfanyl]phenoxy]acetic acid
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of 4-((phenoxyalkyl)thio)phenoxyacetic acids and analogs as PPAR δ agonists for treating conditions like dyslipidemia)

RN 851529-54-9 HCAPLUS

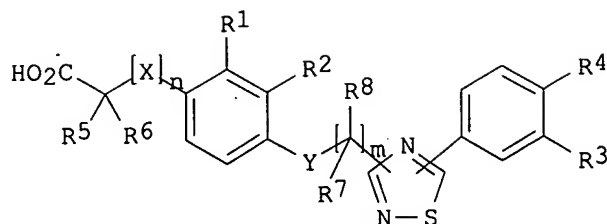
CN Acetic acid, [4-[[[3,6-dihydro-4-[4-(trifluoromethyl)phenyl]-2H-pyran-2-yl]methyl]thio]-2-methylphenoxy]- (9CI). (CA INDEX NAME)



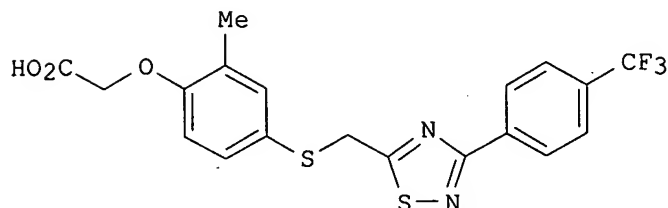
10518679

DOCUMENT NUMBER: 142:447218
TITLE: Preparation of 4-[(thiadiazolylalkyl)thio]phenoxyacetic acids and analogs for treating PPAR mediated conditions
INVENTOR(S): Kuo, Gee-Hong; Shen, Lan; Wang, Aihua; Zhang, Yan
PATENT ASSIGNEE(S): Janssen Pharmaceutica N. V., Belg.
SOURCE: U.S. Pat. Appl. Publ., 59 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005096362	A1	20050505	US 2004-975785	20041028
US 7015329	B2	20060321		
AU 2004285530	A1	20050512	AU 2004-285530	20041028
CA 2544317	AA	20050512	CA 2004-2544317	20041028
WO 2005041959	A1	20050512	WO 2004-US36028	20041028
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RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1684752	A1	20060802	EP 2004-796767	20041028
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR			
US 2006074246	A1	20060406	US 2005-274656	20051115
NO 2006002511	A	20060727	NO 2006-2511	20060531
PRIORITY APPLN. INFO.:			US 2003-516561P	P 20031031
			US 2004-975785	A3 20041028
			WO 2004-US36028	W 20041028
OTHER SOURCE(S):	MARPAT 142:447218			
GI				



I



II

AB The title compds. I [$m = 1-3$; $n = 0-1$; $X = S, O$; $Y = S, CH_2, O$; $R_1, R_2 = H, \text{alkyl, alkoxy, etc.}$; $R_3, R_4 = H, \text{halo, CN, etc.}$; $R_5, R_6 = H, \text{alkyl, alkoxy, etc.}$; or R_5 and R_6 together may form spiro cycloalkyl or spiro 5-6 membered heterocyclyl having 1-3 heteroatoms selected from O, S, and N; $R_7, R_8 = H, \text{alkyl, cycloalkyl}$], useful as PPAR modulators to treat or inhibit the progression of, for example, dyslipidemia, were prepared E.g., a multi-step synthesis of II, starting from Et (2-methylphenoxy)acetate, was given. Compound II showed EC₅₀ of 10 nM and of 468 nM against PPAR δ and PPAR α , resp. The pharmaceutical compns. comprising I are disclosed.

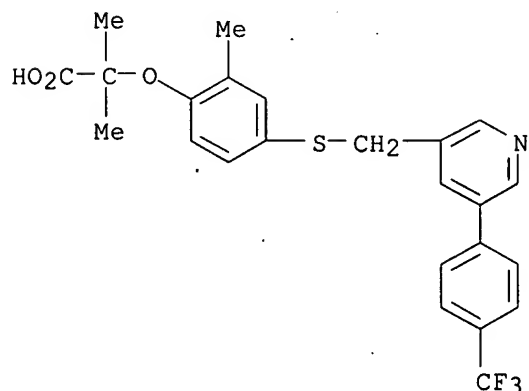
IT 851224-78-7P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 4-[(thiadiazolylalkyl)thio]phenoxyacetic acids and analogs for treating PPAR mediated conditions)

RN 851224-78-7 HCAPLUS

CN Propanoic acid, 2-methyl-2-[2-methyl-4-[[[5-[4-(trifluoromethyl)phenyl]-3-pyridinyl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

16

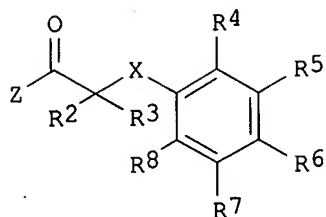
THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

Updated Search

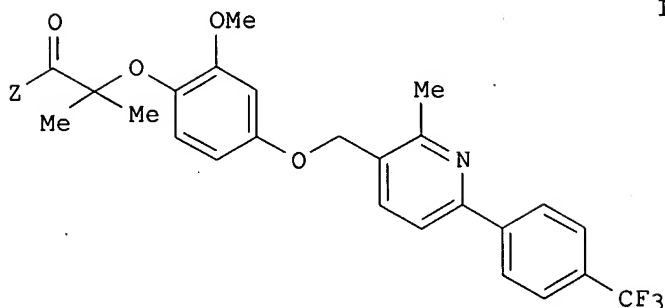
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L7 ANSWER 10 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:394829 HCAPLUS
 DOCUMENT NUMBER: 142:463605
 TITLE: Preparation aryloxyacetic acids and related compounds
 as PPAR δ and PPAR α agonists
 INVENTOR(S): Ackermann, Jean; Aebl, Johannes; Binggeli, Alfred;
 Grether, Uwe; Hirth, Georges; Kuhn, Bernd; Maerki,
 Hans-Peter; Meyer, Markus; Mohr, Peter; Wright,
 Matthew Blake
 PATENT ASSIGNEE(S): Hoffmann-La Roche Inc., USA
 SOURCE: U.S. Pat. Appl. Publ., 89 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005096337	A1	20050505	US 2004-978155	20041029
US 7115611	B2	20061003		
AU 2004291262	A1	20050602	AU 2004-291262	20041028
CA 2543249	AA	20050602	CA 2004-2543249	20041028
WO 2005049573	A1	20050602	WO 2004-EP12217	20041028
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RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1682508	A1	20060726	EP 2004-790987	20041028
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR				
NO 2006002135	A	20060524	NO 2006-2135	20060512
PRIORITY APPLN. INFO.:				
			EP 2003-104081	A 20031105
			EP 2004-100759	A 20040226
			WO 2004-EP12217	W 20041028
OTHER SOURCE(S): MARPAT 142:463605				
GI				



I



II

AB Title compds. I [X = O, S, CH₂; R₁ = H, alkyl; R₂ = H, alkyl with provisos; R₃ = H, alkyl; R₄, R₈ = H, alkyl, cycloalkyl, etc.; R₅, R₆, R₇ = H, alkyl, cycloalkyl, etc.] and their pharmaceutically acceptable salts and formulations were prepared. For example, saponification of Et ester II (Z = OEt), afforded acid II (Z = OH) as a light yellow solid. In PPAR α receptor binding assays, 3-examples of compds. I exhibited IC₅₀ values ranging from 0.013-0.289 μ mol/l. Compds. I are claimed to be useful for the treatment of diseases modulated by PPAR δ and PPAR α agonist.

IT	851505-97-0P	851505-98-1P	851506-06-4P
	851506-07-5P	851506-08-6P	851506-11-1P
	851506-12-2P	851506-13-3P	851506-14-4P
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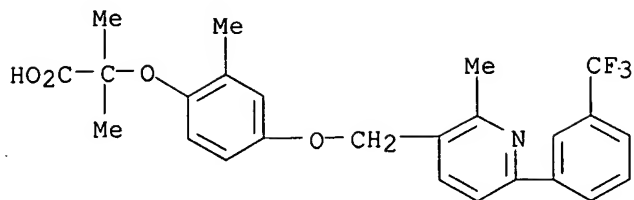
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

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(preparation aryloxyacetic acids and related compds. as PPARδ and  
PPARα agonists)
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RN 851505-97-0 HCAPLUS

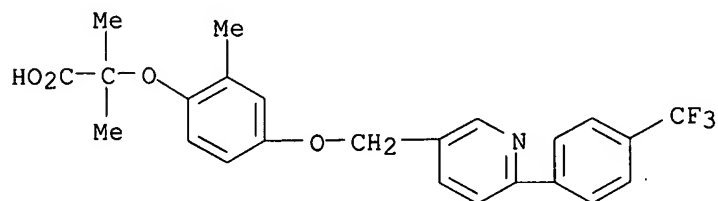
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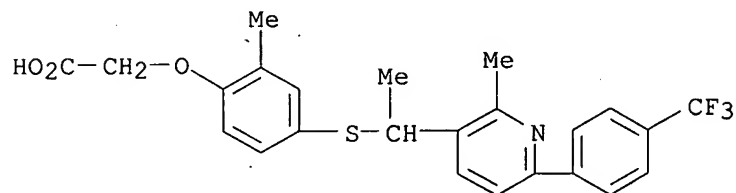
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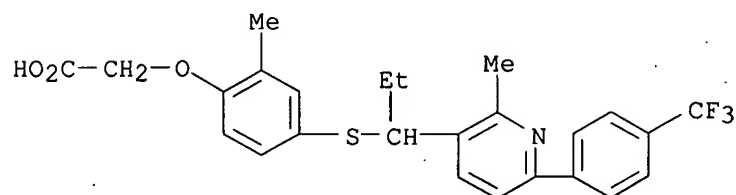
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RN 851506-07-5 HCAPLUS

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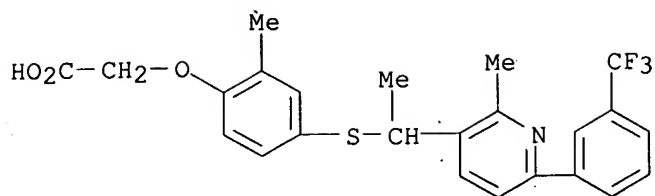


RN 851506-08-6 HCAPLUS

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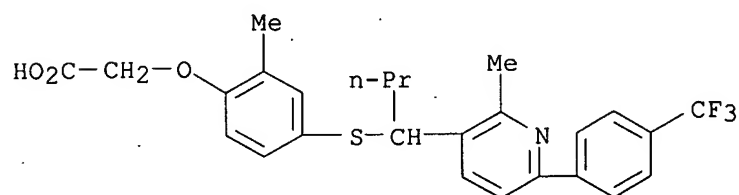
Updated Search

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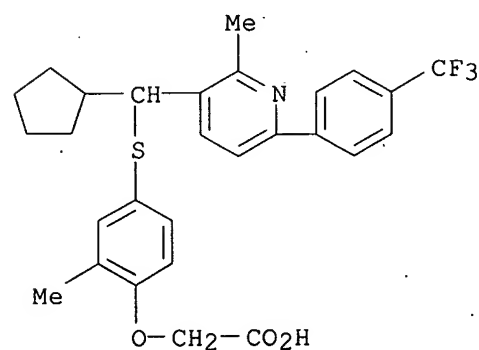
RN 851506-11-1 HCAPLUS

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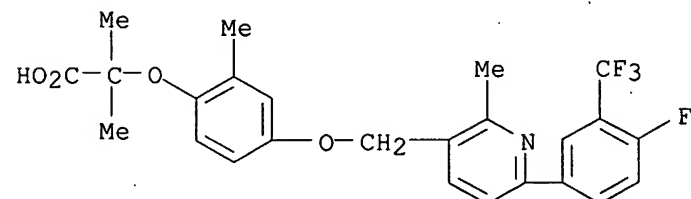
RN 851506-12-2 HCAPLUS

CN Acetic acid, [4-[[cyclopentyl[2-methyl-6-[4-(trifluoromethyl)phenyl]-3-pyridinyl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 851506-13-3 HCAPLUS

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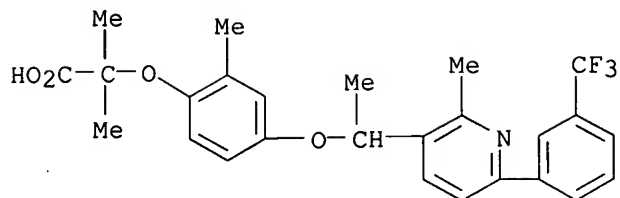
RN 851506-14-4 HCAPLUS

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Updated Search

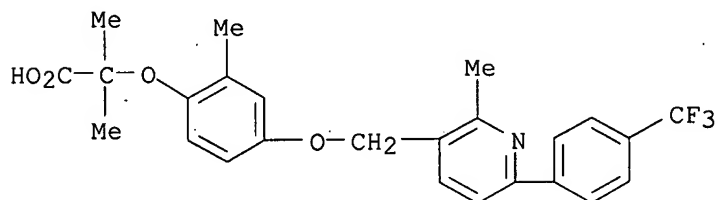
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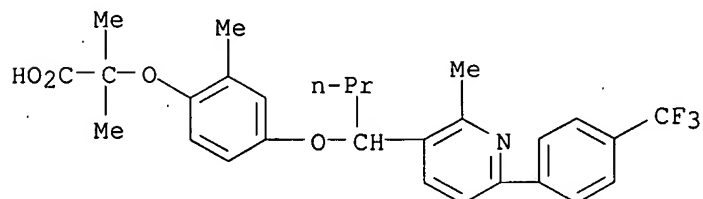
RN 851506-23-5 HCAPLUS

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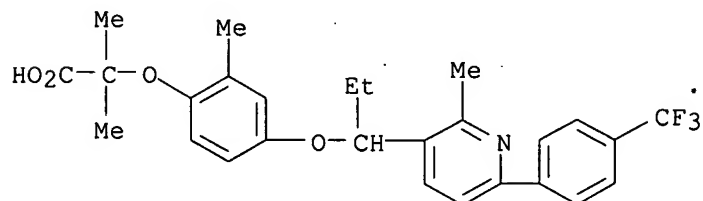
RN 851506-24-6 HCAPLUS

CN Propanoic acid, 2-methyl-2-[2-methyl-4-[1-[2-methyl-6-[4-(trifluoromethyl)phenyl]-3-pyridinyl]butoxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 851506-25-7 HCAPLUS

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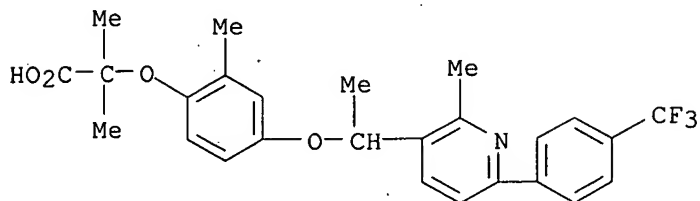
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CN Propanoic acid, 2-methyl-2-[2-methyl-4-[1-[2-methyl-6-[4-

Updated Search

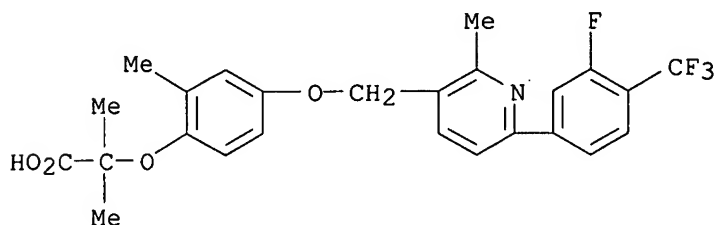
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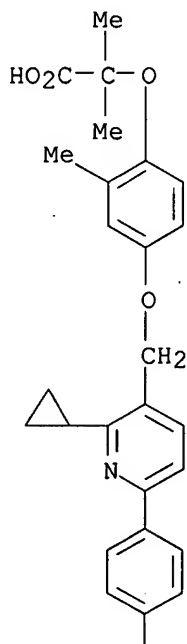
CN Propanoic acid, 2-[4-[[6-[3-fluoro-4-(trifluoromethyl)phenyl]-2-methyl-3-pyridinyl]methoxy]-2-methylphenoxy]-2-methyl- (9CI) (CA INDEX NAME)



RN 851506-29-1 HCAPLUS

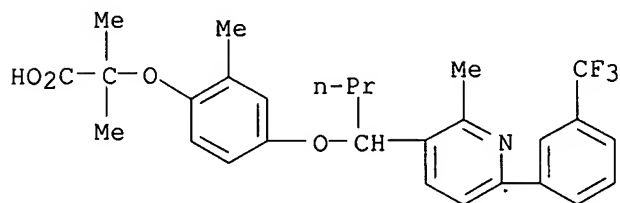
CN Propanoic acid, 2-[4-[[2-cyclopropyl-6-[4-(trifluoromethyl)phenyl]-3-pyridinyl]methoxy]-2-methylphenoxy]-2-methyl- (9CI) (CA INDEX NAME)

PAGE 1-A

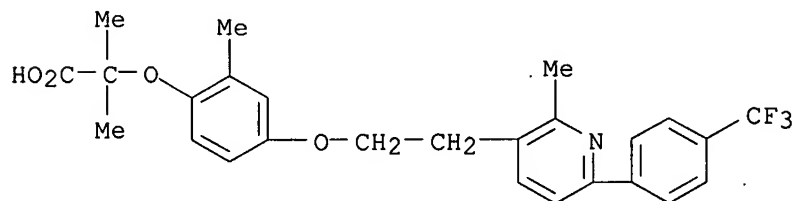




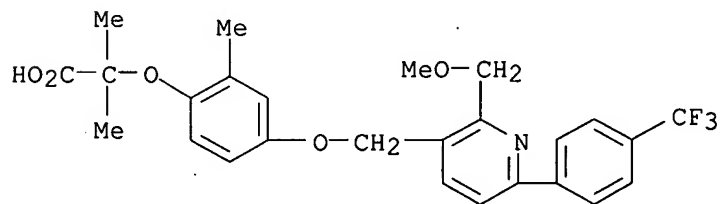
RN 851506-30-4 HCAPLUS
 CN Propanoic acid, 2-methyl-2-[2-methyl-4-[1-[2-methyl-6-[3-(trifluoromethyl)phenyl]-3-pyridinyl]butoxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 851506-32-6 HCAPLUS
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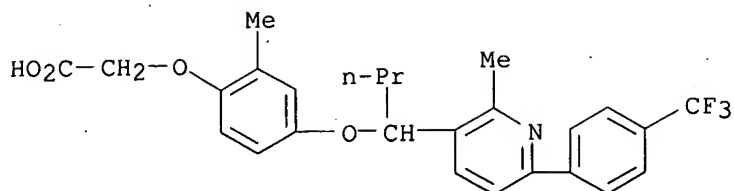


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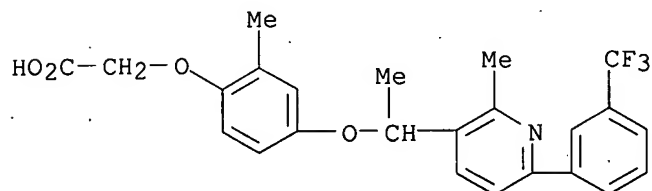
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 CN Acetic acid, [2-methyl-4-[1-[2-methyl-6-[4-(trifluoromethyl)phenyl]-3-pyridinyl]butoxy]phenoxy]- (9CI) (CA INDEX NAME)

10518679



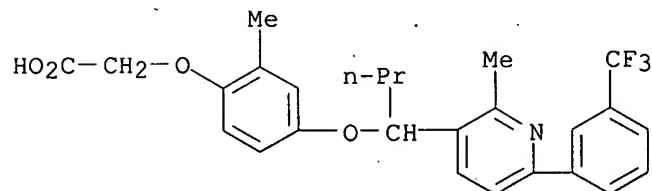
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CN Acetic acid, [2-methyl-4-[1-[2-methyl-6-[3-(trifluoromethyl)phenyl]-3-pyridinyl]ethoxy]phenoxy]- (9CI) (CA INDEX NAME)



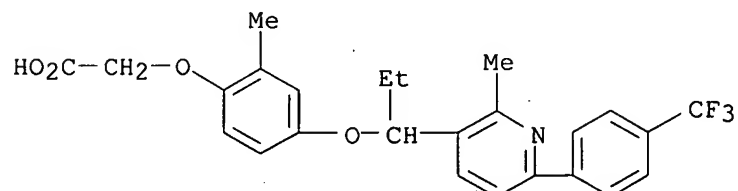
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CN Acetic acid, [2-methyl-4-[1-[2-methyl-6-[3-(trifluoromethyl)phenyl]-3-pyridinyl]butoxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 851506-38-2 HCAPLUS

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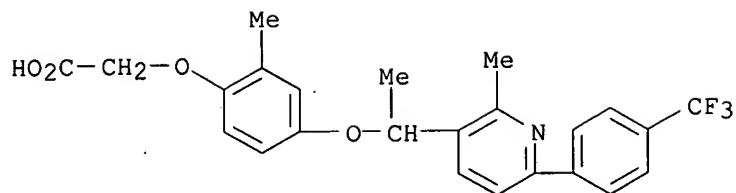


RN 851506-39-3 HCAPLUS

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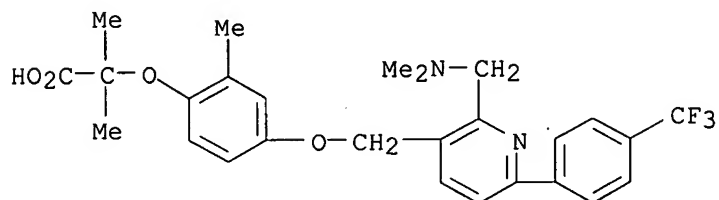
Updated Search

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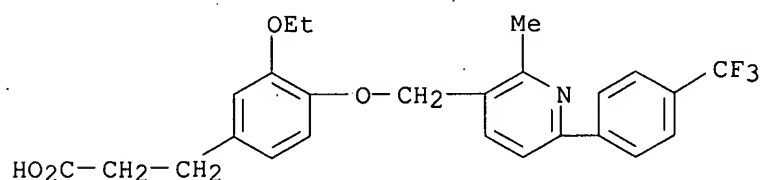
RN 851506-40-6 HCAPLUS

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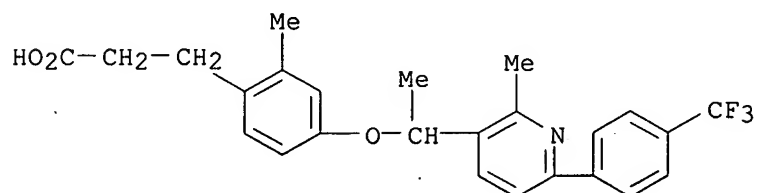
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CN Benzenepropanoic acid, 3-ethoxy-4-[[2-methyl-6-[4-(trifluoromethyl)phenyl]-3-pyridinyl]methoxy]- (9CI) (CA INDEX NAME)



RN 851506-61-1 HCAPLUS

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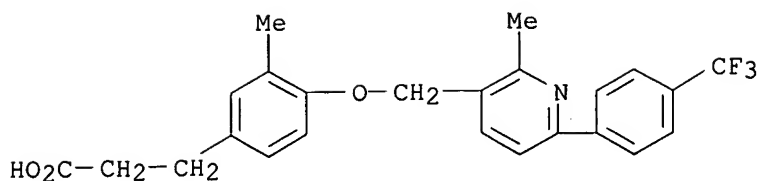


RN 851506-62-2 HCAPLUS

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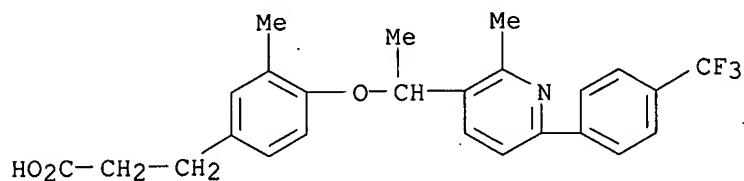
Updated Search

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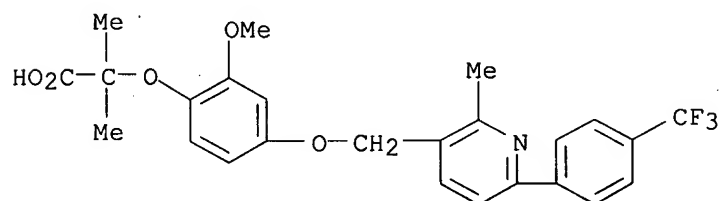
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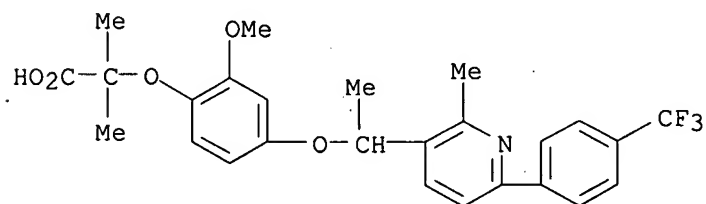
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RN 851506-80-4 HCAPLUS

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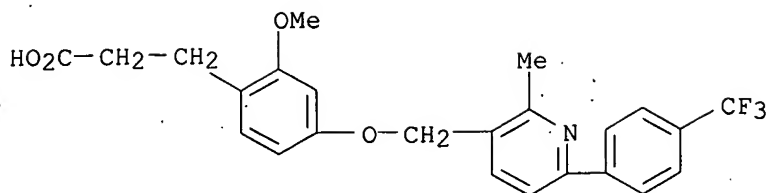


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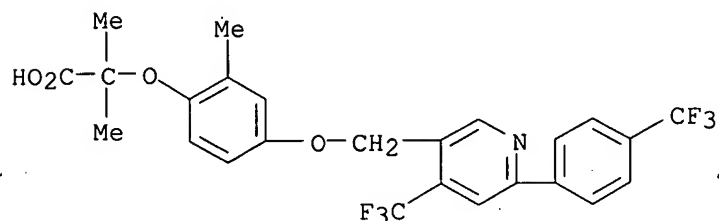
CN Benzenepropanoic acid, 2-methoxy-4-[[2-methyl-6-[4-(trifluoromethyl)phenyl]-3-pyridinyl]methoxy]- (9CI) (CA INDEX NAME)

Updated Search

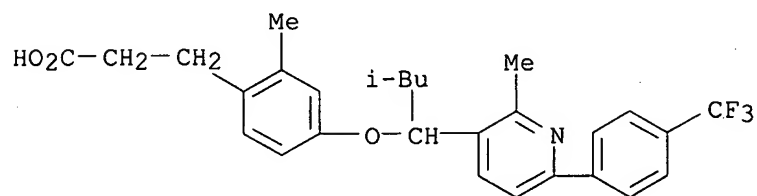
10518679



RN 851506-97-3 HCAPLUS
CN Propanoic acid, 2-methyl-2-[2-methyl-4-[[4-(trifluoromethyl)-6-[4-(trifluoromethyl)phenyl]-3-pyridinyl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 851507-09-0 HCAPLUS
CN Benzenepropanoic acid, 2-methyl-4-[3-methyl-1-[2-methyl-6-[4-(trifluoromethyl)phenyl]-3-pyridinyl]butoxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

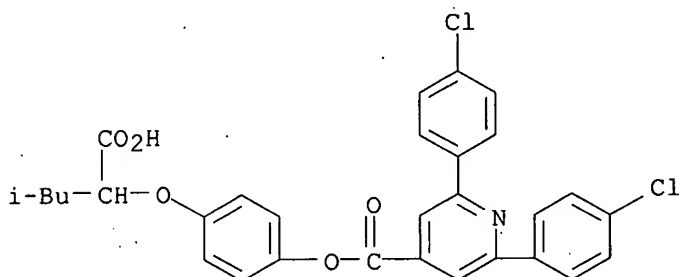
L7 ANSWER 11 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:1019618 HCAPLUS
DOCUMENT NUMBER: 142:69141
TITLE: Methods of identifying non-specific inhibitors of biomolecules
INVENTOR(S): Shoichet, Brian K.; McGovern, Susan L.
PATENT ASSIGNEE(S): Northwestern University, USA
SOURCE: U.S. Pat. Appl. Publ., 16 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004234942	A1	20041125	US 2002-171814	20020614

Updated Search

10518679

US 6887658 B2 20050503
 PRIORITY APPLN. INFO.: US 2001-298527P P 20010615
 AB The invention provides methods of identifying compds. that non-specifically inhibit biol. reactions. The invention further includes kits that facilitate this identification. In addition, compilations of compds. for use in high throughput drug screening that have been evaluated by the disclosed methodol. are also part of the invention. The invention provides methods for identifying a false pos. in a screening assay by measuring the activity of at least one biol. activity in the presence and absence of a small mol. compound capable of inhibiting aggregate formation, e.g., digitonin.
 IT 813420-84-7
 RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
 (methods of identifying non-specific inhibitors of biomols.)
 RN 813420-84-7 HCAPLUS
 CN 4-Pyridinecarboxylic acid, 2,6-bis(4-chlorophenyl)-, 4-(1-carboxy-3-methylbutoxy)phenyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 12 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:412803 HCAPLUS
 DOCUMENT NUMBER: 141:1264
 TITLE: Receptor function controlling agent
 INVENTOR(S): Fukatsu, Kohji; Sasaki, Shinobu; Hinuma, Shuji; Ito, Yasuaki; Suzuki, Nobuhiro; Harada, Masataka; Yasuma, Tsuneo
 PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
 SOURCE: PCT Int. Appl., 442 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004041266	A1	20040521	WO 2003-JP14139	20031106
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				

Updated Search

10518679

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
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ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2505322	AA	20040521	CA 2003-2505322	20031106
AU 2003277576	A1	20040607	AU 2003-277576	20031106
JP 2005015461	A2	20050120	JP 2003-376833	20031106
EP 1559422	A1	20050803	EP 2003-810621	20031106

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IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

CN 1735408	A	20060215	CN 2003-80108260	20031106
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PRIORITY APPLN. INFO.:

JP 2002-324632	A	20021108
JP 2003-16889	A	20030127
JP 2003-153986	A	20030530
WO 2003-JP14139	W	20031106

OTHER SOURCE(S): MARPAT 141:1264

AB A GPR40 receptor function controlling agent which contains a compound having an aromatic ring and a group capable of releasing a cation and is useful as a insulin secretion promoting agent or a preventive/remedy for diabetes, etc.

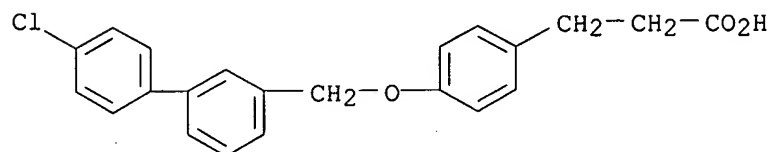
IT 691900-29-5P 691900-39-7P 691900-43-3P
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691902-31-5P 691902-33-7P 691902-35-9P
691902-37-1P 691902-39-3P 691902-41-7P
691902-56-4P 691902-57-5P 691902-58-6P
691902-66-6P 691902-68-8P 691902-70-2P
691902-74-6P 691903-19-2P 691903-66-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(GPR40 receptor function controlling agents as antidiabetics)

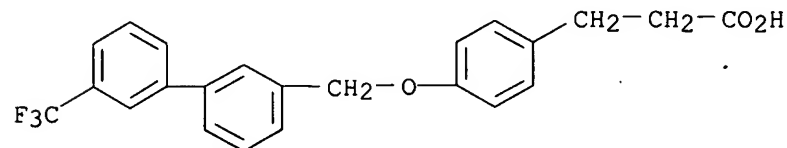
RN 691900-29-5 HCAPLUS

CN Benzenepropanoic acid, 4-[(4'-chloro[1,1'-biphenyl]-3-yl)methoxy]- (9CI)
(CA INDEX NAME)



RN 691900-39-7 HCAPLUS

CN Benzenepropanoic acid, 4-[[3'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)



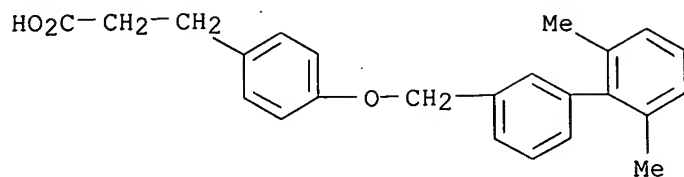
RN 691900-43-3 HCAPLUS

CN Benzenepropanoic acid, 4-[(2',6'-dimethyl[1,1'-biphenyl]-3-yl)methoxy]-

Updated Search

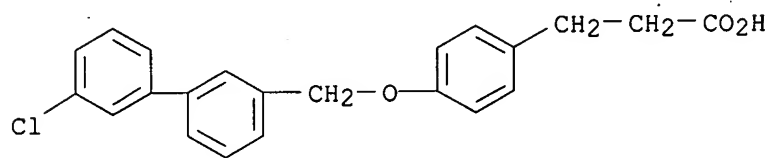
10518679

(9CI) (CA INDEX NAME)



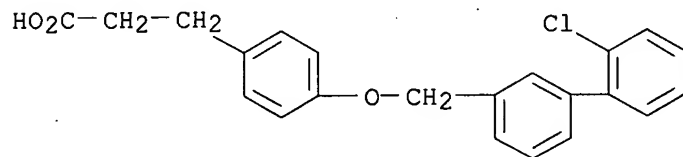
RN 691901-52-7 HCAPLUS

CN Benzenepropanoic acid, 4-[(3'-chloro[1,1'-biphenyl]-3-yl)methoxy]- (9CI)
(CA INDEX NAME)



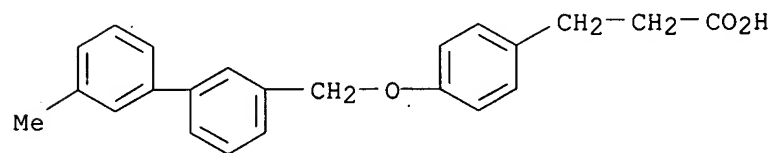
RN 691901-54-9 HCAPLUS

CN Benzenepropanoic acid, 4-[(2'-chloro[1,1'-biphenyl]-3-yl)methoxy]- (9CI)
(CA INDEX NAME)



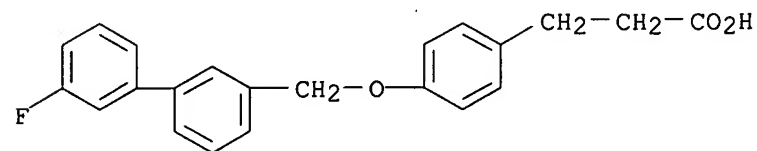
RN 691901-56-1 HCAPLUS

CN Benzenepropanoic acid, 4-[(3'-methyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI)
(CA INDEX NAME)



RN 691901-58-3 HCAPLUS

CN Benzenepropanoic acid, 4-[(3'-fluoro[1,1'-biphenyl]-3-yl)methoxy]- (9CI)
(CA INDEX NAME)

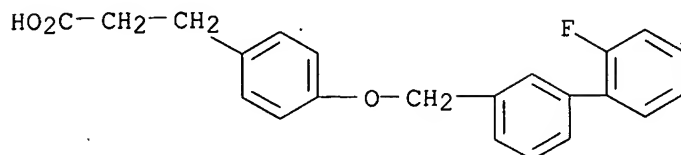


Updated Search

10518679

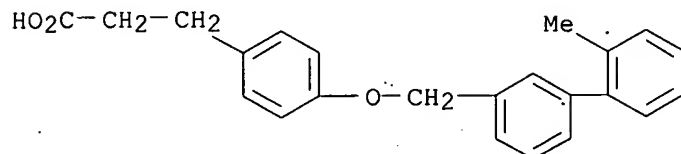
RN 691901-74-3 HCAPLUS

CN Benzenepropanoic acid, 4-[(2'-fluoro[1,1'-biphenyl]-3-yl)methoxy]- (9CI)
(CA INDEX NAME)



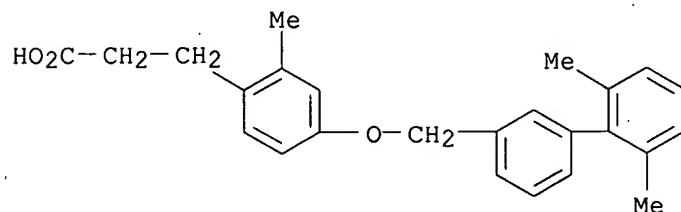
RN 691901-94-7 HCAPLUS

CN Benzenepropanoic acid, 4-[(2'-methyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI)
(CA INDEX NAME)



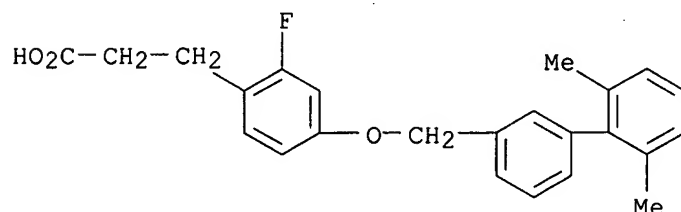
RN 691902-31-5 HCAPLUS

CN Benzenepropanoic acid, 4-[(2',6'-dimethyl[1,1'-biphenyl]-3-yl)methoxy]-2-methyl- (9CI) (CA INDEX NAME)



RN 691902-33-7 HCAPLUS

CN Benzenepropanoic acid, 4-[(2',6'-dimethyl[1,1'-biphenyl]-3-yl)methoxy]-2-fluoro- (9CI) (CA INDEX NAME)

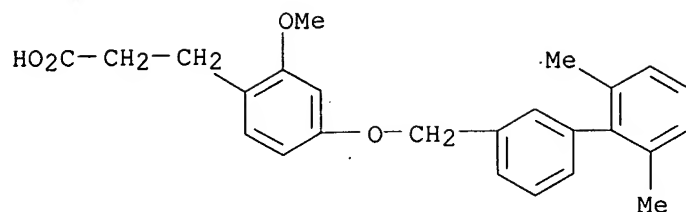


RN 691902-35-9 HCAPLUS

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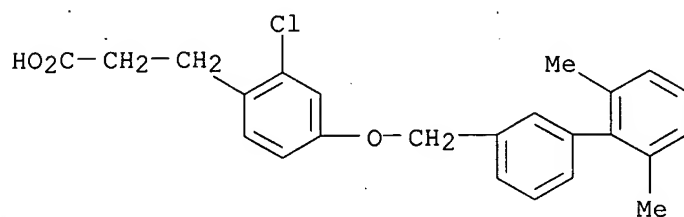
Updated Search

10518679



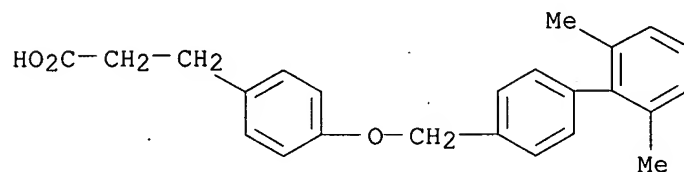
RN 691902-37-1 HCAPLUS

CN Benzenepropanoic acid, 2-chloro-4-[(2',6'-dimethyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)



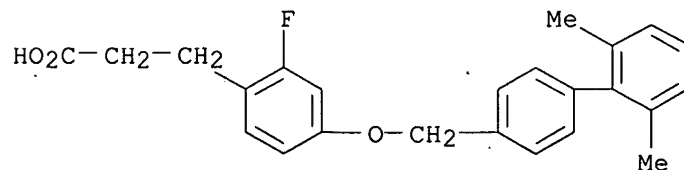
RN 691902-39-3 HCAPLUS

CN Benzenepropanoic acid, 4-[(2',6'-dimethyl[1,1'-biphenyl]-4-yl)methoxy]- (9CI) (CA INDEX NAME)



RN 691902-41-7 HCAPLUS

CN Benzenepropanoic acid, 4-[(2',6'-dimethyl[1,1'-biphenyl]-4-yl)methoxy]-2-fluoro- (9CI) (CA INDEX NAME)

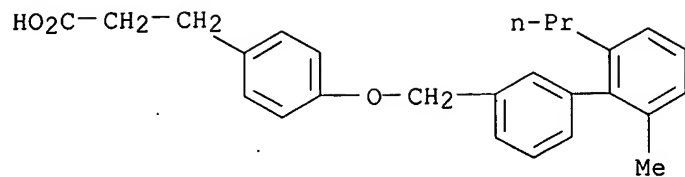


RN 691902-56-4 HCAPLUS

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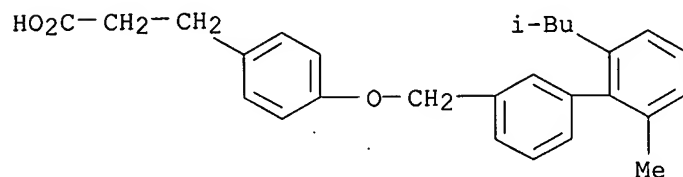
Updated Search

10518679



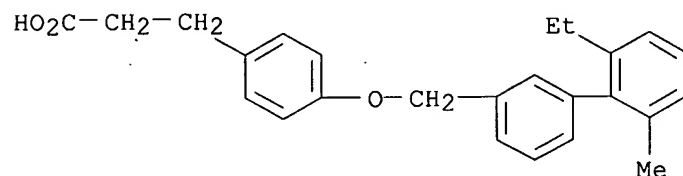
RN 691902-57-5 HCAPLUS

CN Benzenepropanoic acid, 4-[[2'-methyl-6'-(2-methylpropyl)[1,1'-biphenyl]-3-yl]methoxy]- (9CI) (CA INDEX NAME)



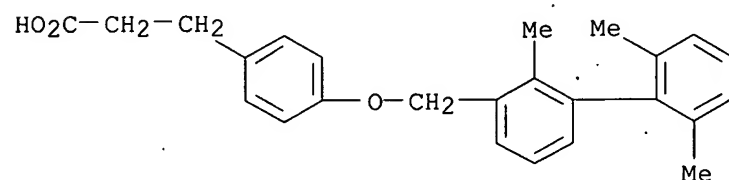
RN 691902-58-6 HCAPLUS

CN Benzenepropanoic acid, 4-[(2'-ethyl-6'-methyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)



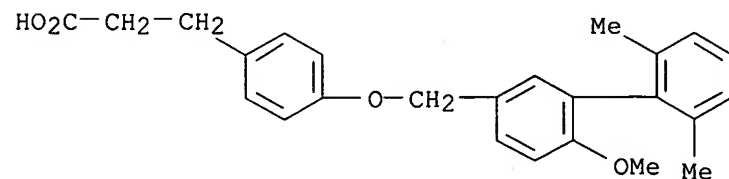
RN 691902-66-6 HCAPLUS

CN Benzenepropanoic acid, 4-[(2,2',6'-trimethyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)



RN 691902-68-8 HCAPLUS

CN Benzenepropanoic acid, 4-[(6-methoxy-2',6'-dimethyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)

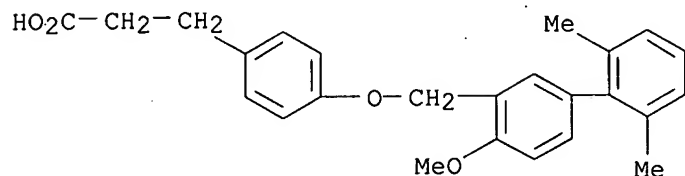


Updated Search

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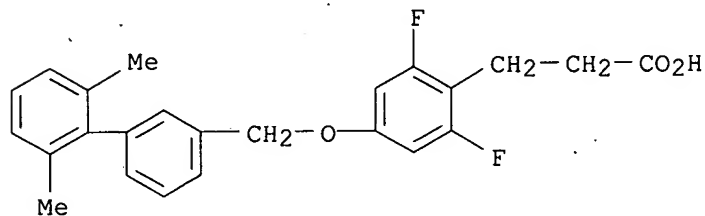
RN 691902-70-2 HCAPLUS

CN Benzenepropanoic acid, 4-[(4-methoxy-2',6'-dimethyl[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)



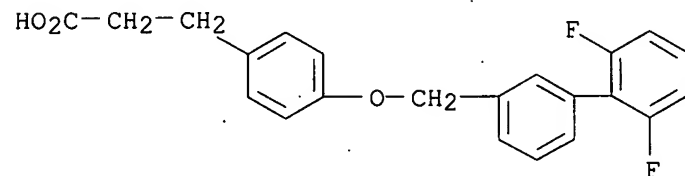
RN 691902-74-6 HCAPLUS

CN Benzenepropanoic acid, 4-[(2',6'-dimethyl[1,1'-biphenyl]-3-yl)methoxy]-2,6-difluoro- (9CI) (CA INDEX NAME)



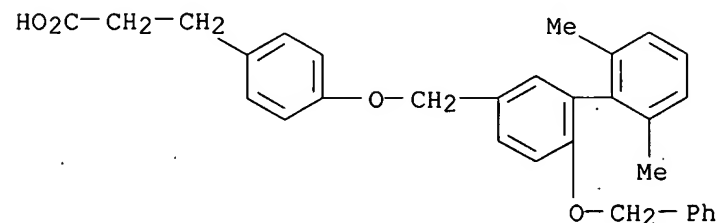
RN 691903-19-2 HCAPLUS

CN Benzenepropanoic acid, 4-[(2',6'-difluoro[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)



RN 691903-66-9 HCAPLUS

CN Benzenepropanoic acid, 4-[[2',6'-dimethyl-6-(phenylmethoxy)[1,1'-biphenyl]-3-yl)methoxy]- (9CI) (CA INDEX NAME)



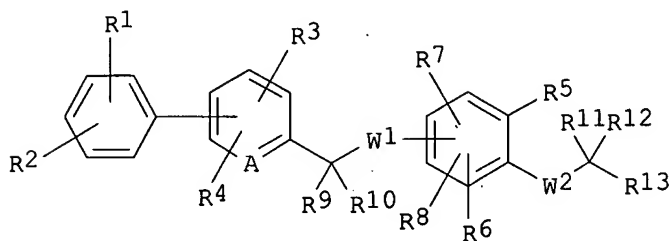
L7 ANSWER 13 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:60458 HCAPLUS

Updated Search

10518679

DOCUMENT NUMBER: 140:111286
 TITLE: Preparation of biaryl derivatives as agonists of peroxisome proliferator activated receptor δ (PPAR δ)
 INVENTOR(S): Miyauchi, Hiroshi; Uchiyama, Katsuya; Ban, Hitoshi; Morishita, Koji; Muraoka, Masami
 PATENT ASSIGNEE(S): Sumitomo Pharmaceuticals Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 124 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004007439	A1	20040122	WO 2003-JP8683	20030708
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003281040	A1	20040202	AU 2003-281040	20030708
PRIORITY APPLN. INFO.:			JP 2002-201738	A 20020710
			JP 2002-268082	A 20020913
			WO 2003-JP8683	W 20030708
OTHER SOURCE(S):			MARPAT 140:111286	
GI				



AB Comps. represented by the following general formula (I) or salt thereof [wherein R1-R8 = H, HO, each (un)substituted C1-6 alkyl, C2-6 alkenyl, C1-6 alkoxy, C1-11 acyloxy, C2-7 alkoxy carbonyl, C1-6 alkyl carbamoyl, di(C1-6 alkyl) carbamoyl, C1-6 alkylsulfonyloxy, or C6-10 arylsulfonyloxy, carbamoyl, CO₂H, cyano, halo, etc.; or if R1 and R2, R3 and R4, R5 and R7, or R6 and R8 are adjacent to each other, they together form an (un)substituted benzene ring, (un)saturated 5- or 6-membered carbocyclic or heterocyclic ring containing 1 or 2 heteroatoms in the latter; R9, R10 = H, (un)substituted C1-6 alkyl; R11, R12 = H, F, (un)substituted C1-6 alkyl; or R11 and R12 together with the carbon atoms to which they are attached form a (un)substituted C3-7 cycloalkane ring; W1, W2 = O, S, NR₁₆; wherein R₁₆ = H, (un)substituted C1-6 alkyl; A = CR₃, N; R₁₃ = CO₂H, each

(un)substituted C2-7 alkoxy carbonyl, C3-7 alkenyloxy carbonyl, C7-16 arylalkoxy carbonyl, carbamoyl, or (C3-6 cycloalkyl) carbamoyl, tetrazolyl, etc.] are prepared. These compounds, e.g. [4-[[[4-fluoro-4'-(trifluoromethyl)-1,1'-biphenyl-3-yl]methyl]thio]-2-methylphenoxy]acetic acid (II), N-(2-furylmethyl)-2-[4-[[[4-fluoro-4'-(trifluoromethyl)-1,1'-biphenyl-3-yl]methyl]thio]-2-methylphenoxy]acetamide (III), 2-[4-[[[4-fluoro-4'-(trifluoromethyl)-1,1'-biphenyl-3-yl]methyl]thio]-2-methylphenoxy]-N-(pyridin-2-ylmethyl)acetamide (IV), and [4-[[[3-fluoro-6-[4-(trifluoromethyl)phenyl]pyridin-2-yl]methyl]thio]-2-methylphenoxy]acetic acid have an agonistic activity to peroxisome proliferator activated receptor δ (PPAR δ) and, therefore, are useful as agents elevating blood high density lipoprotein (HDL) level, remedies for hypo-HDL cholesterolemia and/or remedies for arteriosclerosis. Thus, II, III, and IV inhibited luciferase activity with EC₅₀ of 23, 10, and 13 nM, resp., in COS-1 cells introduced with 3 plasmids including PPAR δ -LBD (ligand binding domain) fused to Gal-4 DNA binding domain, firefly-derived luciferase reporter having Gal-4 binding DNA sequence in the promoter domain, and luciferase expression plasmid.

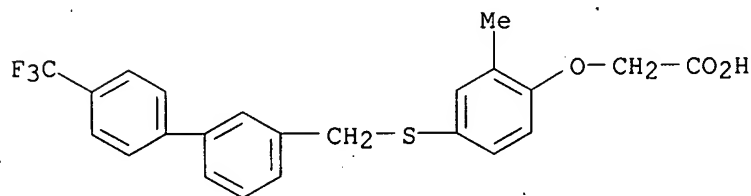
IT 638215-22-2P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of biaryl derivs. as agonists of peroxisome proliferator activated receptor δ (PPAR δ) and agents elevating blood high density lipoprotein (HDL) level for treatment of arteriosclerosis)

RN 638215-22-2 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



IT 638215-23-3P 638215-26-6P 648437-33-6P
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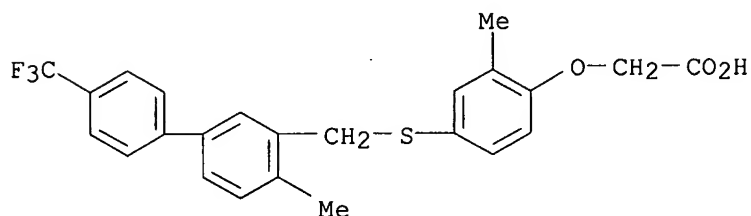
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(preparation of biaryl derivs. as agonists of peroxisome proliferator
activated receptor δ (PPAR δ) and agents elevating blood
high d. lipoprotein (HDL) level for treatment of arteriosclerosis)

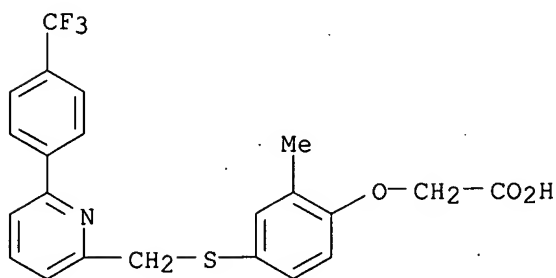
RN 638215-23-3 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[4-methyl-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 638215-26-6 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

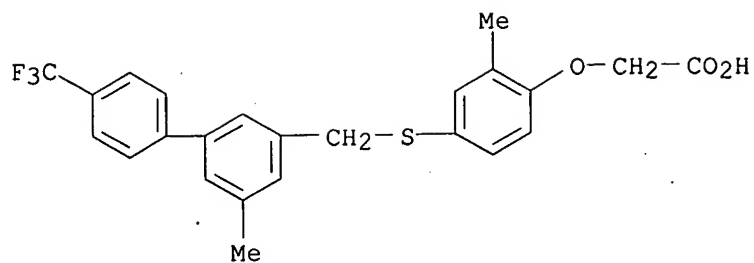


RN 648437-33-6 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[5-methyl-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

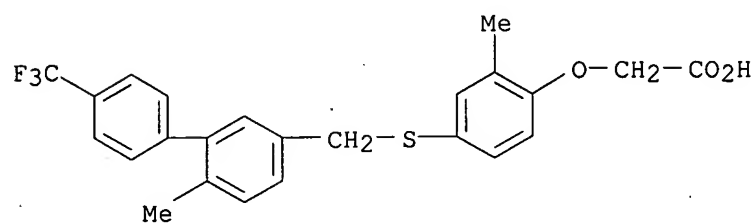
Updated Search .

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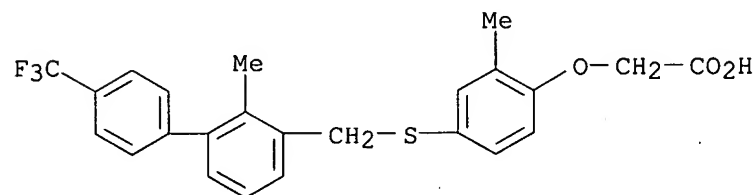
RN 648437-34-7 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[6-methyl-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



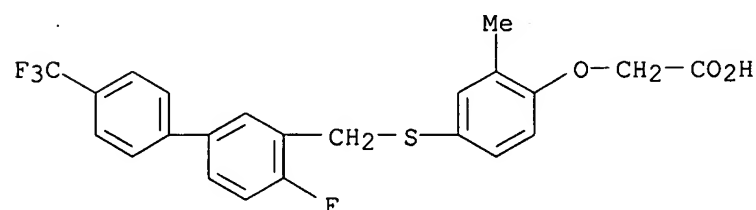
RN 648437-35-8 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[2-methyl-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 648437-36-9 HCAPLUS

CN Acetic acid, [4-[[[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

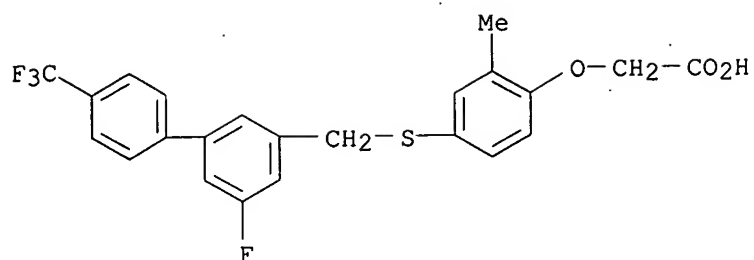


RN 648437-37-0 HCAPLUS

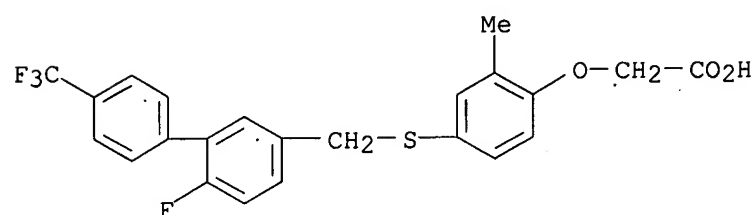
CN Acetic acid, [4-[[[5-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Updated Search

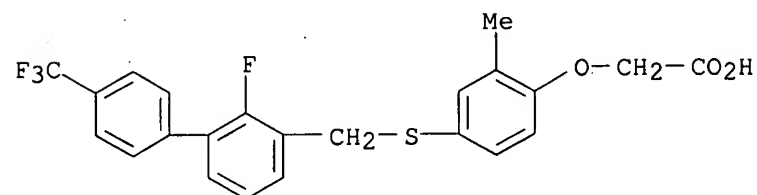
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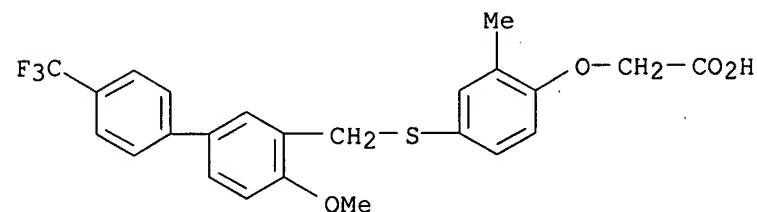
RN 648437-38-1 HCAPLUS
CN Acetic acid, [4-[[[6-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 648437-39-2 HCAPLUS
CN Acetic acid, [4-[[[2-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



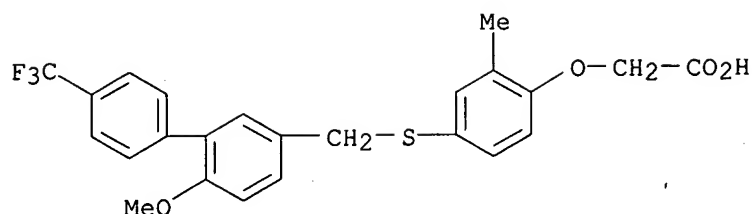
RN 648437-40-5 HCAPLUS
CN Acetic acid, [4-[[[4-methoxy-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



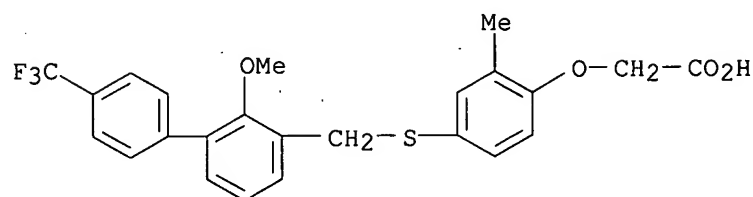
RN 648437-41-6 HCAPLUS
CN Acetic acid, [4-[[[6-methoxy-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Updated Search

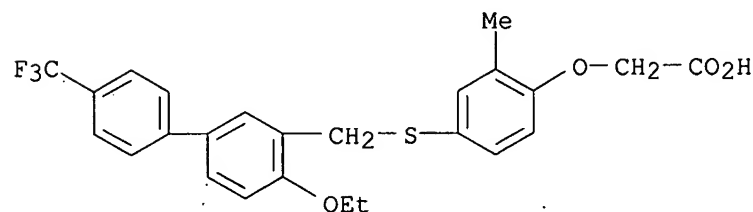
10518679



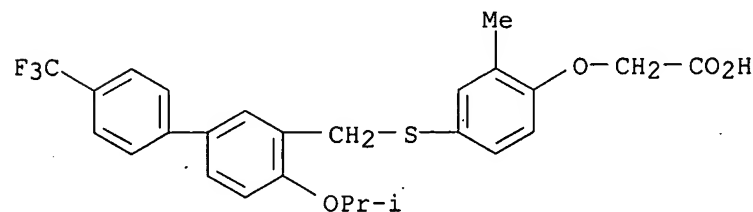
RN 648437-42-7 HCAPLUS
CN Acetic acid, [4-[[[2-methoxy-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 648437-43-8 HCAPLUS
CN Acetic acid, [4-[[[4-ethoxy-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



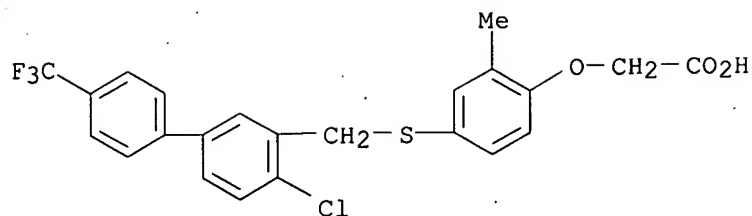
RN 648437-44-9 HCAPLUS
CN Acetic acid, [2-methyl-4-[[[4-(1-methylethoxy)-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 648437-45-0 HCAPLUS
CN Acetic acid, [4-[[[4-chloro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

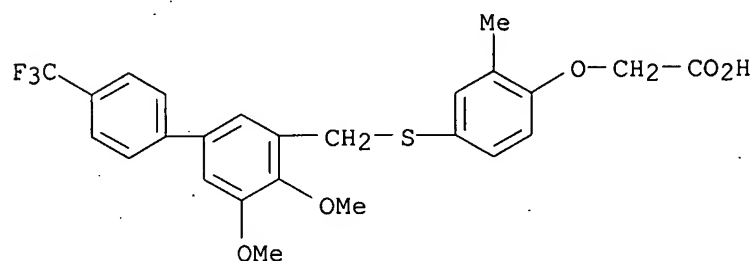
Updated Search

10518679



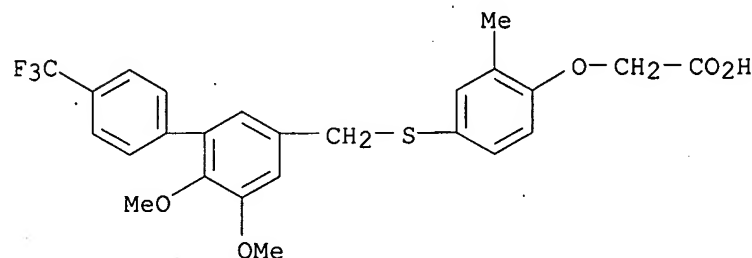
RN 648437-46-1 HCAPLUS

CN Acetic acid, [4-[[[4,5-dimethoxy-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



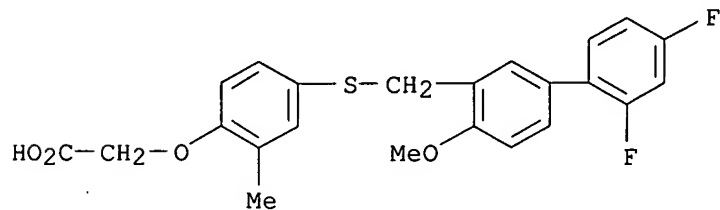
RN 648437-47-2 HCAPLUS

CN Acetic acid, [4-[[[5,6-dimethoxy-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 648437-48-3 HCAPLUS

CN Acetic acid, [4-[[[2',4'-difluoro-4-methoxy[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

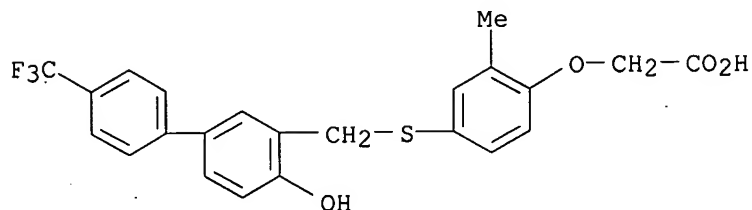


Updated Search

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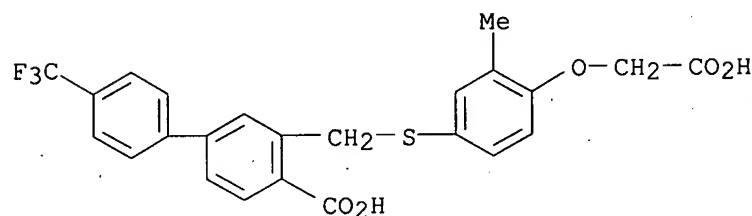
RN 648437-49-4 HCAPLUS

CN Acetic acid, [4-[[[4-hydroxy-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



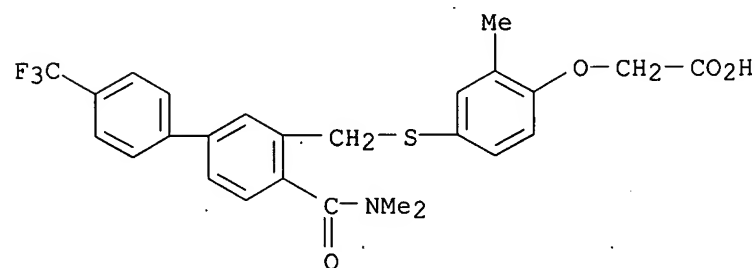
RN 648437-50-7 HCAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 3-[[[4-(carboxymethoxy)-3-methylphenyl]thio]methyl]-4'-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 648437-51-8 HCAPLUS

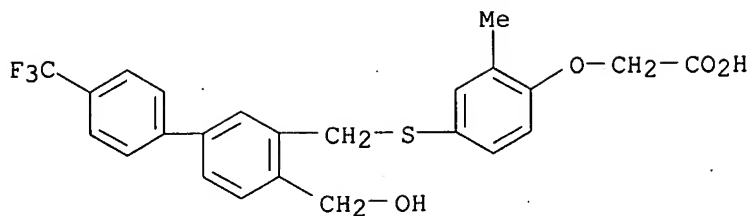
CN Acetic acid, [4-[[[4-[(dimethylamino)carbonyl]-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 648437-52-9 HCAPLUS

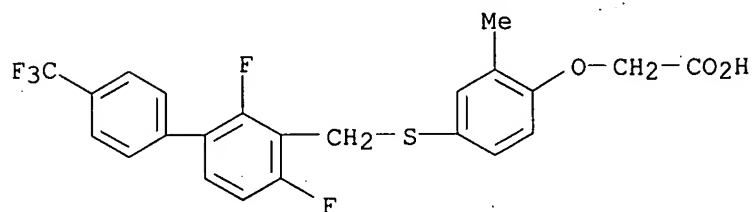
CN Acetic acid, [4-[[[4-(hydroxymethyl)-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

10518679



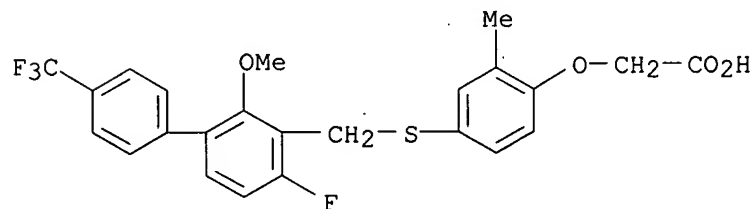
RN 648437-53-0 HCAPLUS

CN Acetic acid, [4-[[[2,4-difluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



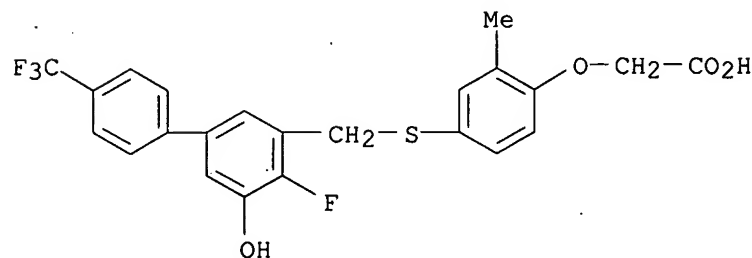
RN 648437-54-1 HCAPLUS

CN Acetic acid, [4-[[[4-fluoro-2-methoxy-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 648437-55-2 HCAPLUS

CN Acetic acid, [4-[[[4-fluoro-5-hydroxy-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



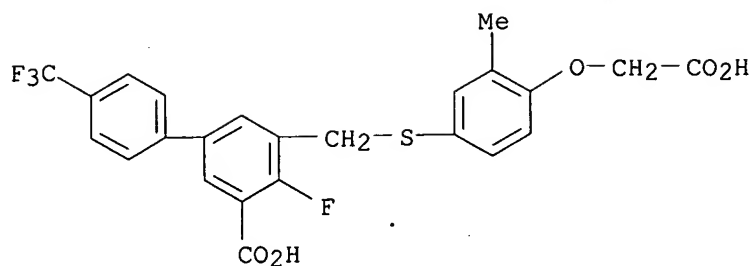
RN 648437-56-3 HCAPLUS

CN [1,1'-Biphenyl]-3-carboxylic acid, 5-[[[4-(carboxymethoxy)-3-methylphenyl]thio]methyl]-4-fluoro-4'-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Updated Search

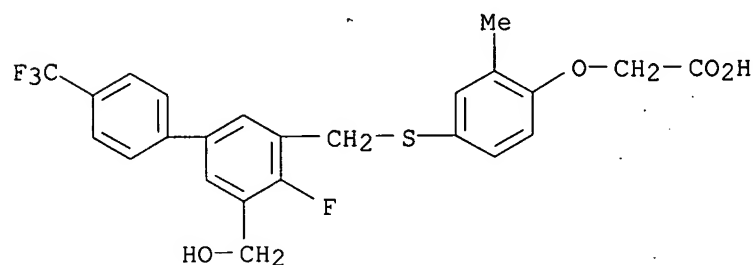
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NAME)



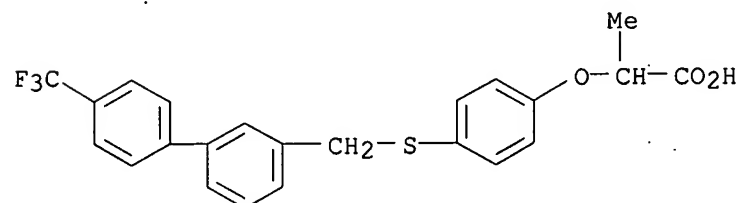
RN 648437-57-4 HCAPLUS

CN Acetic acid, [4-[[[4-fluoro-5-(hydroxymethyl)-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



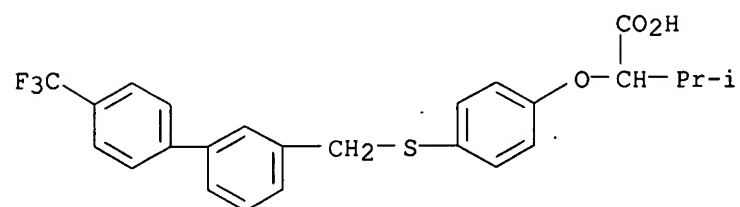
RN 648437-58-5 HCAPLUS

CN Propanoic acid, 2-[4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 648437-59-6 HCAPLUS

CN Butanoic acid, 3-methyl-2-[4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

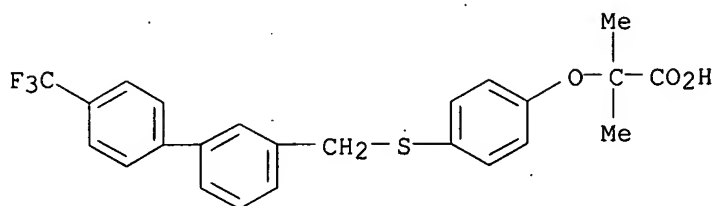


RN 648437-60-9 HCAPLUS

Updated Search

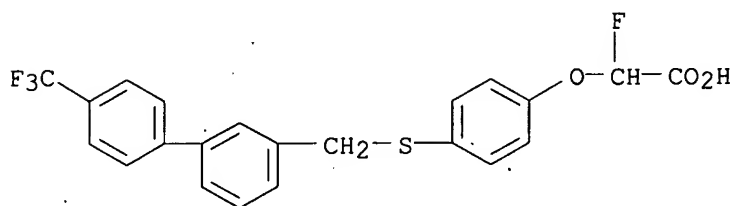
10518679

CN Propanoic acid, 2-methyl-2-[4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



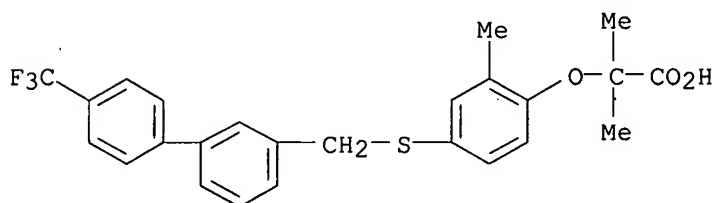
RN 648437-61-0 HCAPLUS

CN Acetic acid, fluoro[4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



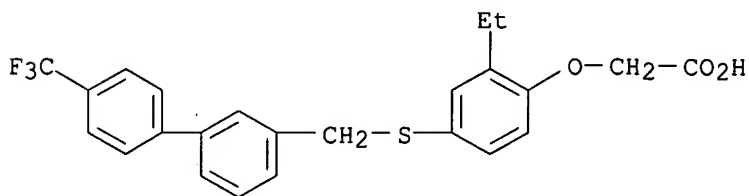
RN 648437-63-2 HCAPLUS

CN Propanoic acid, 2-methyl-2-[2-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 648437-64-3 HCAPLUS

CN Acetic acid, [2-ethyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

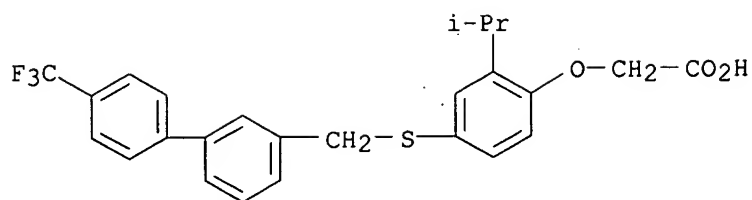


RN 648437-65-4 HCAPLUS

CN Acetic acid, [2-(1-methylethyl)-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

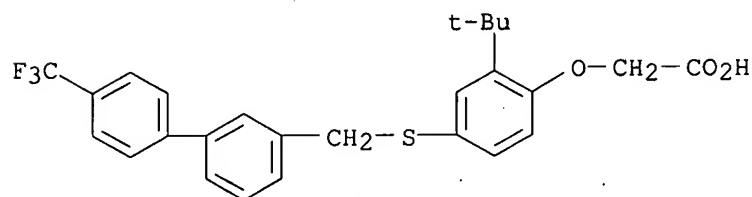
Updated Search

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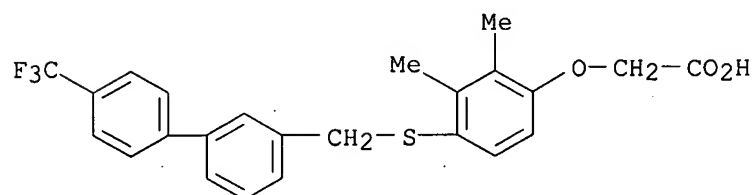
RN 648437-66-5 HCAPLUS

CN Acetic acid, [2-(1,1-dimethylethyl)-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



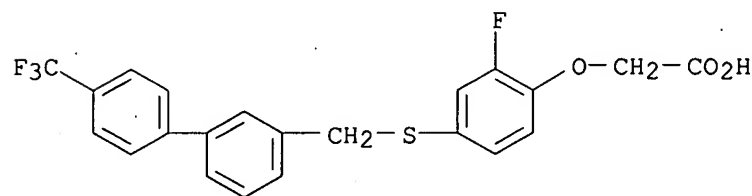
RN 648437-67-6 HCAPLUS

CN Acetic acid, [2,3-dimethyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 648437-68-7 HCAPLUS

CN Acetic acid, [2-fluoro-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

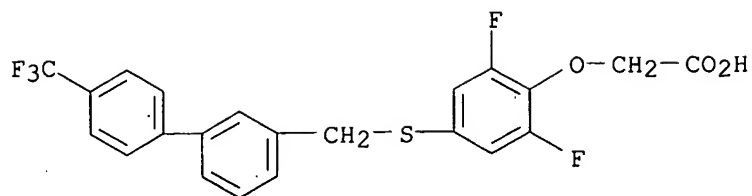


RN 648437-69-8 HCAPLUS

CN Acetic acid, [2,6-difluoro-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

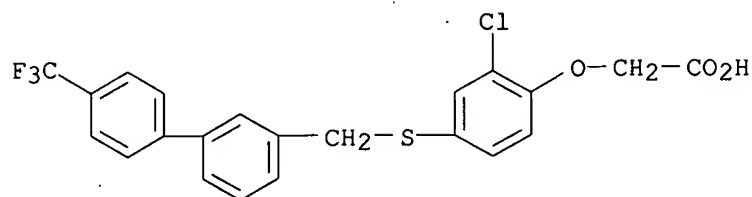
Updated Search

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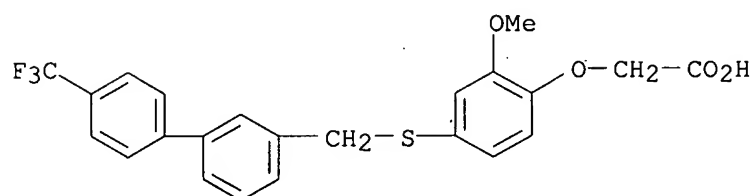
RN 648437-70-1 HCAPLUS

CN Acetic acid, [2-chloro-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



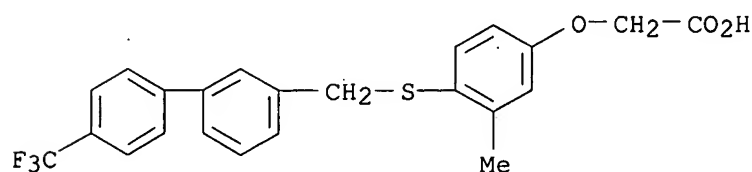
RN 648437-71-2 HCAPLUS

CN Acetic acid, [2-methoxy-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 648437-72-3 HCAPLUS

CN Acetic acid, [3-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

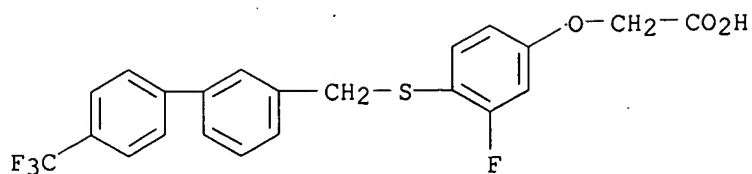


RN 648437-73-4 HCAPLUS

CN Acetic acid, [3-fluoro-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

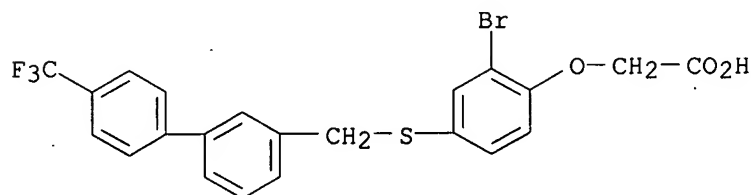
Updated Search

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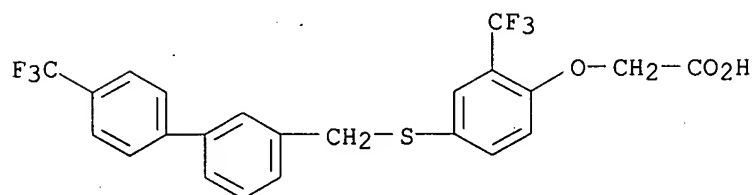
RN 648437-74-5 HCAPLUS

CN Acetic acid, [2-bromo-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



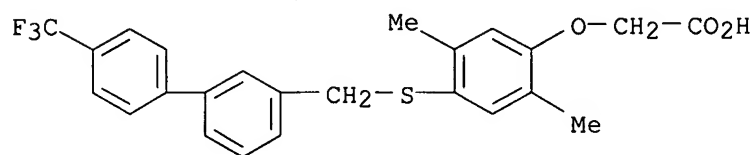
RN 648437-75-6 HCAPLUS

CN Acetic acid, [2-(trifluoromethyl)-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 648437-76-7 HCAPLUS

CN Acetic acid, [2,5-dimethyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

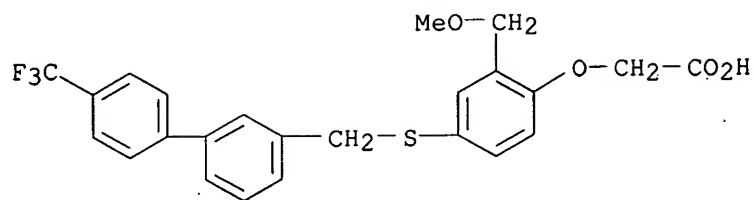


RN 648437-77-8 HCAPLUS

CN Acetic acid, [2-(methoxymethyl)-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

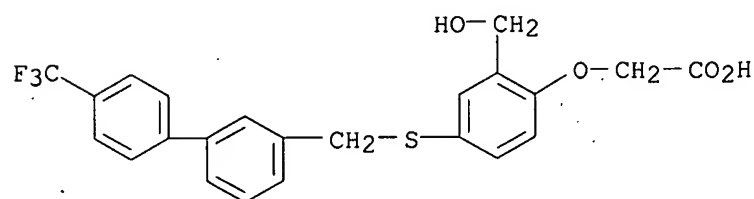
Updated Search

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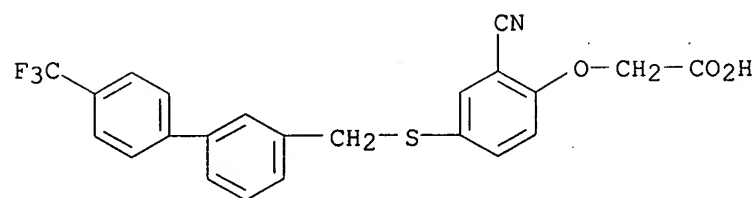
RN 648437-78-9 HCAPLUS

CN Acetic acid, [2-(hydroxymethyl)-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



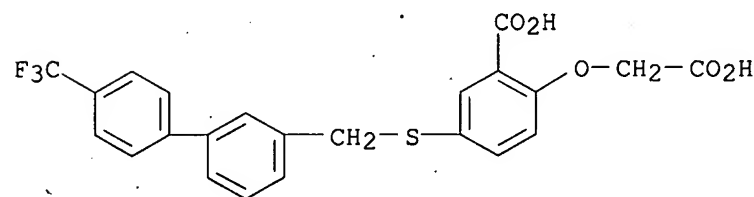
RN 648437-79-0 HCAPLUS

CN Acetic acid, [2-cyano-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 648437-80-3 HCAPLUS

CN Benzoic acid, 2-(carboxymethoxy)-5-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]- (9CI) (CA INDEX NAME)

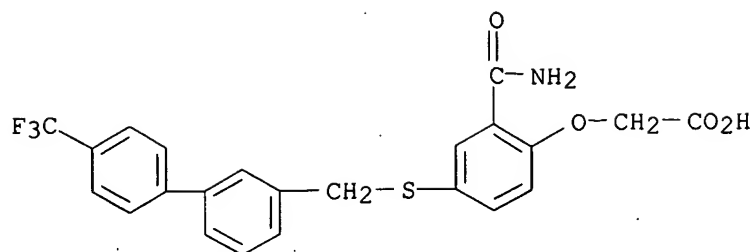


RN 648437-81-4 HCAPLUS

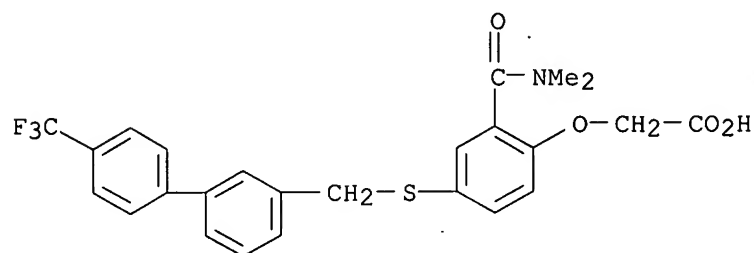
CN Acetic acid, [2-(aminocarbonyl)-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Updated Search

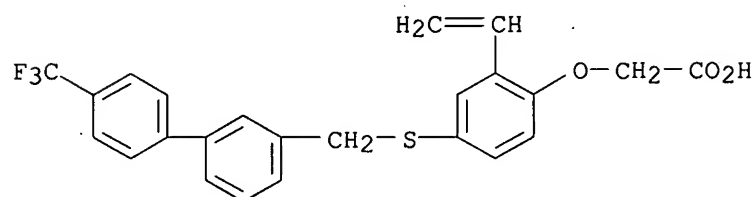
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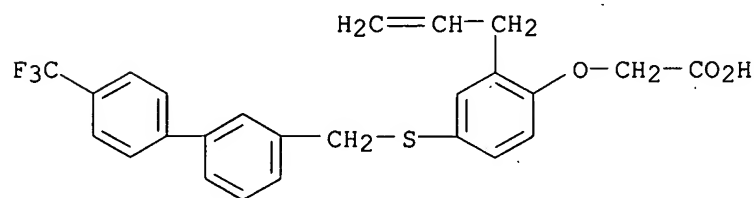
RN 648437-82-5 HCAPLUS
CN Acetic acid, [2-[(dimethylamino)carbonyl]-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 648437-83-6 HCAPLUS
CN Acetic acid, [2-ethenyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



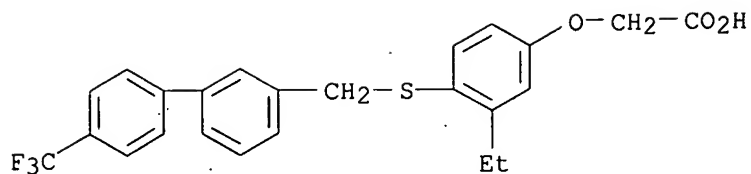
RN 648437-84-7 HCAPLUS
CN Acetic acid, [2-(2-propenyl)-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 648437-85-8 HCAPLUS
CN Acetic acid, [3-ethyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

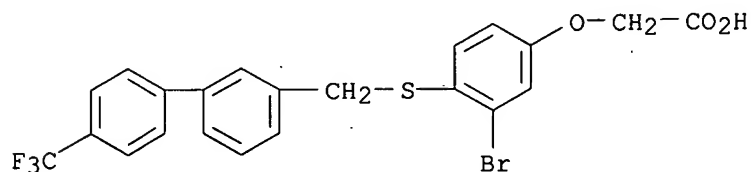
Updated Search

10518679



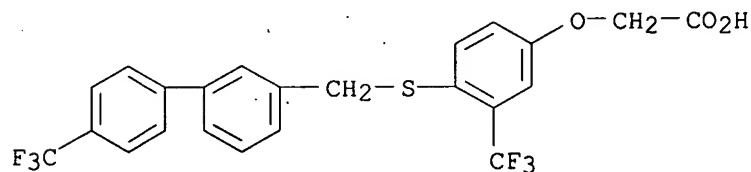
RN 648437-86-9 HCAPLUS

CN Acetic acid, [3-bromo-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



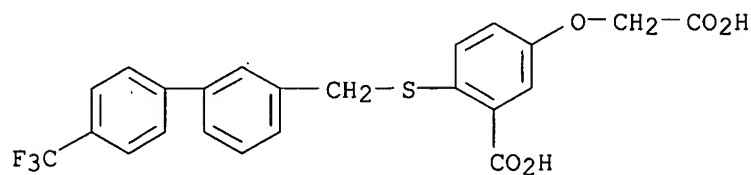
RN 648437-87-0 HCAPLUS

CN Acetic acid, [3-(trifluoromethyl)-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



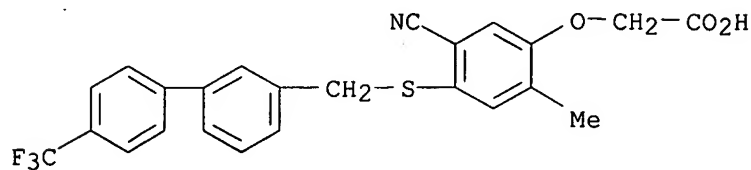
RN 648437-88-1 HCAPLUS

CN Benzoic acid, 5-(carboxymethoxy)-2-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]- (9CI) (CA INDEX NAME)



RN 648437-89-2 HCAPLUS

CN Acetic acid, [5-cyano-2-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

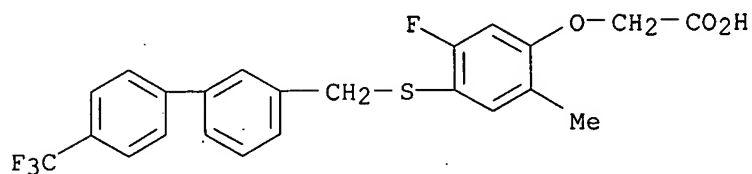


Updated Search

10518679

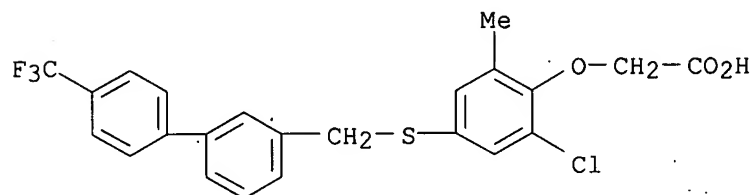
RN 648437-90-5 HCAPLUS

CN Acetic acid, [5-fluoro-2-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



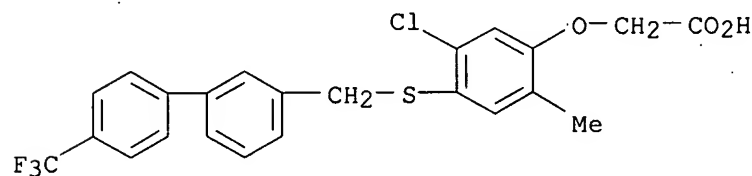
RN 648437-91-6 HCAPLUS

CN Acetic acid, [2-chloro-6-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



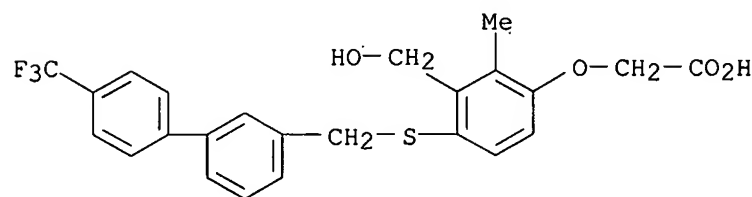
RN 648437-92-7 HCAPLUS

CN Acetic acid, [5-chloro-2-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 648437-93-8 HCAPLUS

CN Acetic acid, [3-(hydroxymethyl)-2-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

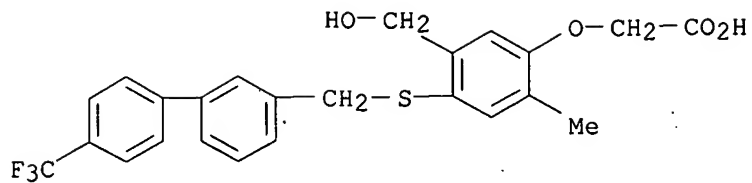


RN 648437-94-9 HCAPLUS

CN Acetic acid, [5-(hydroxymethyl)-2-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

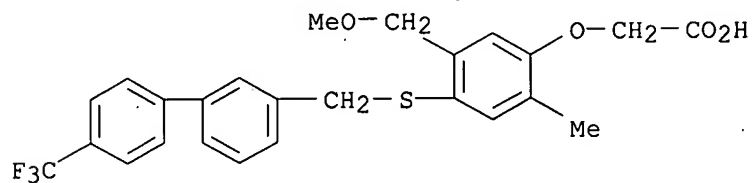
Updated Search

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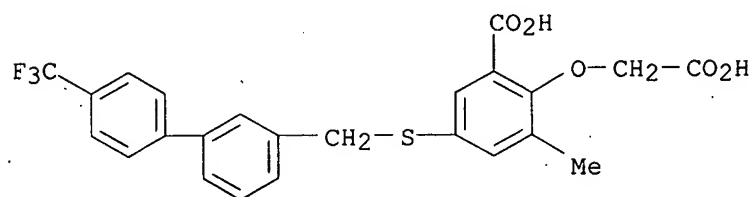
RN 648437-95-0 HCAPLUS

CN Acetic acid, [5-(methoxymethyl)-2-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



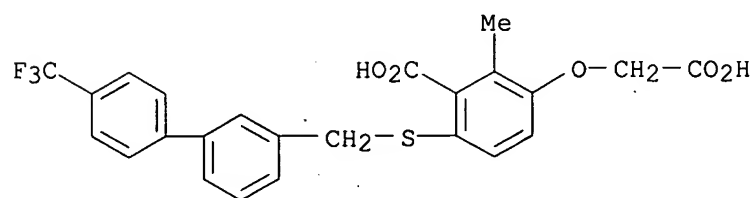
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CN Benzoic acid, 2-(carboxymethoxy)-3-methyl-5-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]- (9CI) (CA INDEX NAME)



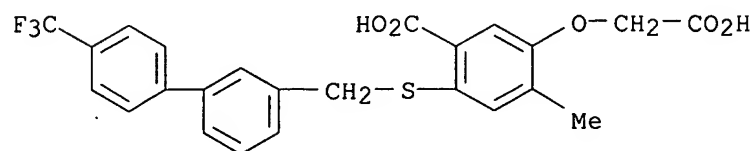
RN 648437-98-3 HCAPLUS

CN Benzoic acid, 3-(carboxymethoxy)-2-methyl-6-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]- (9CI) (CA INDEX NAME)



RN 648437-99-4 HCAPLUS

CN Benzoic acid, 5-(carboxymethoxy)-4-methyl-2-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]- (9CI) (CA INDEX NAME)

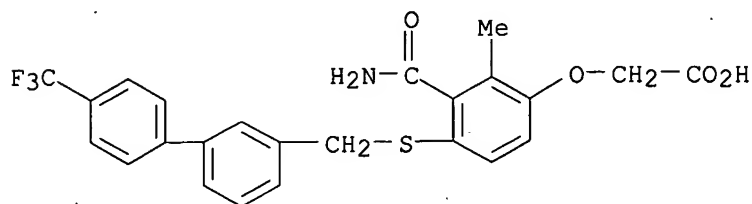


Updated Search

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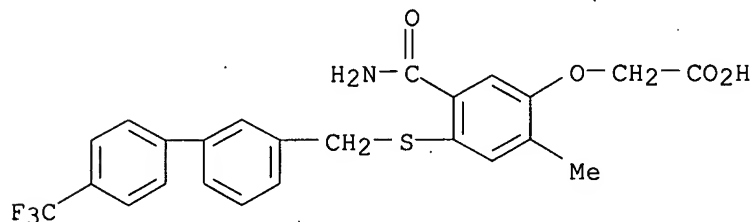
RN 648438-00-0 HCAPLUS

CN Acetic acid, [3-(aminocarbonyl)-2-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



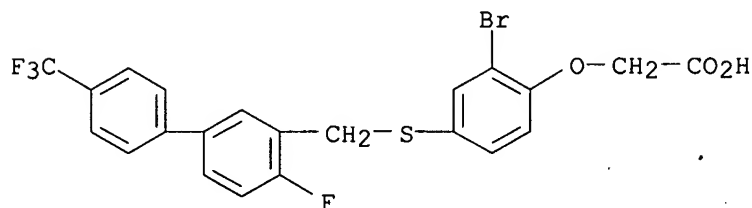
RN 648438-01-1 HCAPLUS

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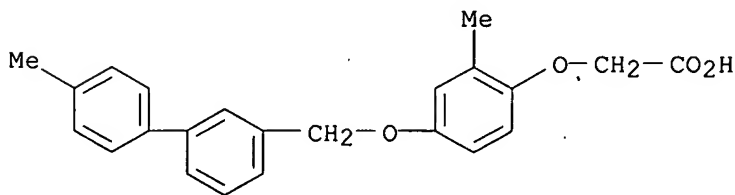
RN 648438-04-4 HCAPLUS

CN Acetic acid, [2-bromo-4-[[[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 648438-05-5 HCAPLUS

CN Acetic acid, [2-methyl-4-[(4'-methyl[1,1'-biphenyl]-3-yl)methoxy]phenoxy]- (9CI) (CA INDEX NAME)

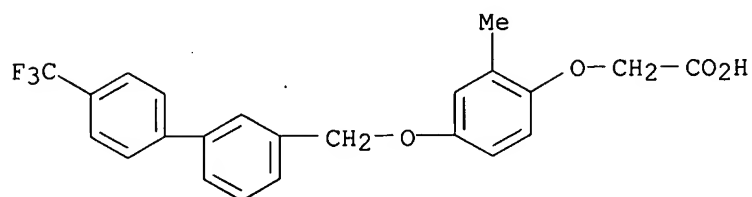


RN 648438-07-7 HCAPLUS

Updated Search

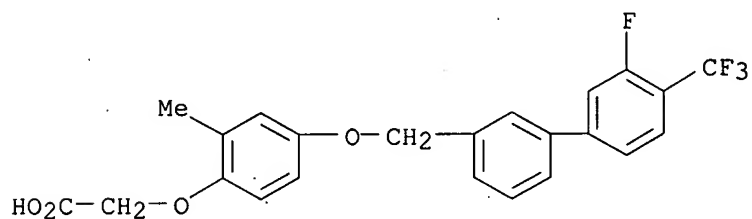
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CN Acetic acid, [2-methyl-4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)



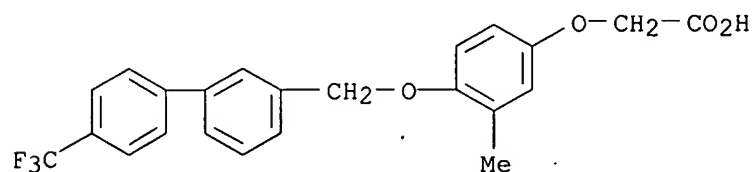
RN 648438-08-8 HCAPLUS

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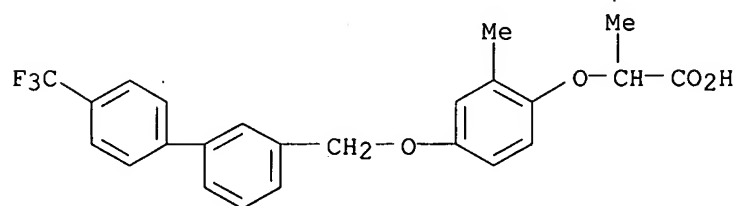
RN 648438-09-9 HCAPLUS

CN Acetic acid, [3-methyl-4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 648438-10-2 HCAPLUS

CN Propanoic acid, 2-[2-methyl-4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)

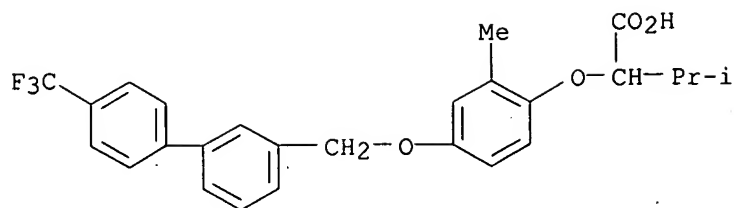


RN 648438-11-3 HCAPLUS

CN Butanoic acid, 3-methyl-2-[2-methyl-4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)

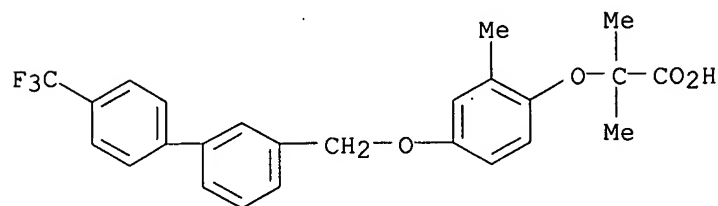
Updated Search

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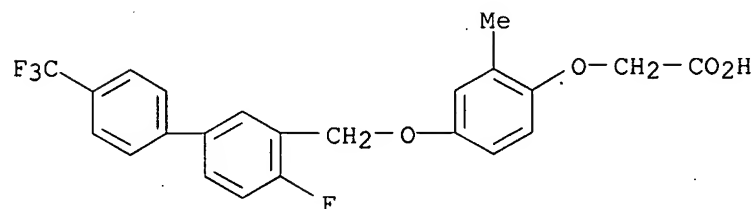
RN 648438-12-4 HCAPLUS

CN Propanoic acid, 2-methyl-2-[2-methyl-4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)



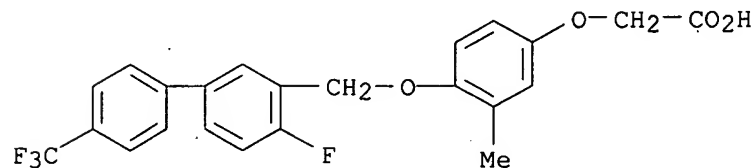
RN 648438-14-6 HCAPLUS

CN Acetic acid, [4-[[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 648438-15-7 HCAPLUS

CN Acetic acid, [4-[[4-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methoxy]-3-methylphenoxy]- (9CI) (CA INDEX NAME)

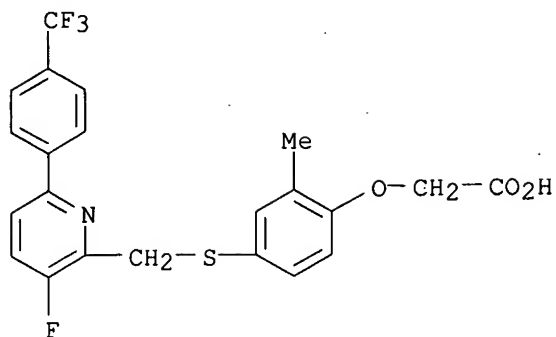


RN 648438-44-2 HCAPLUS

CN Acetic acid, [4-[[[3-fluoro-6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

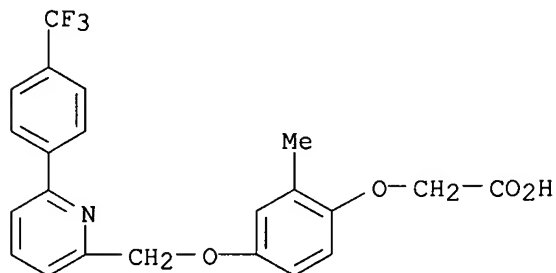
Updated Search

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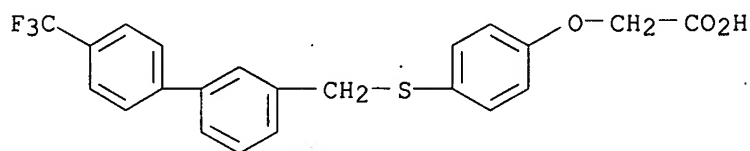
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CN Acetic acid, [2-methyl-4-[[6-[4-(trifluoromethyl)phenyl]-2-pyridinyl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)



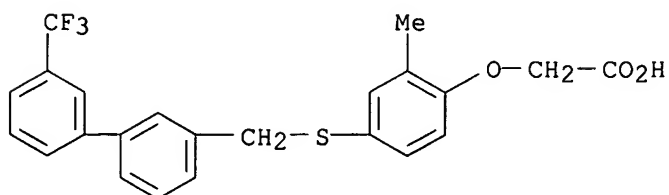
RN 648438-46-4 HCAPLUS

CN Acetic acid, [4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 648438-47-5 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[3'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



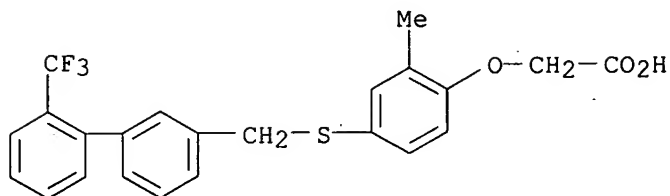
RN 648438-48-6 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[2'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Updated Search

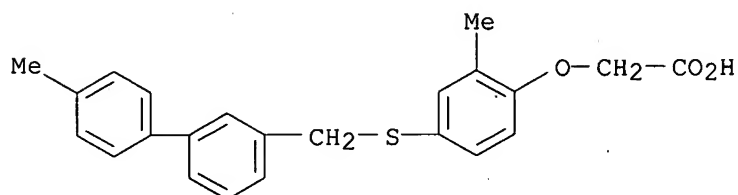
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yl)methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



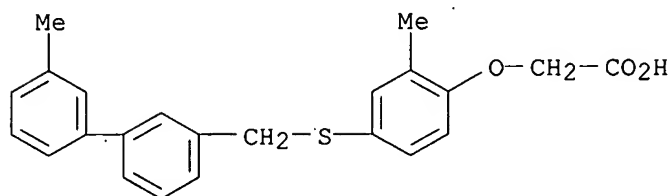
RN 648438-49-7 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[4'-methyl[1,1'-biphenyl]-3-yl)methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



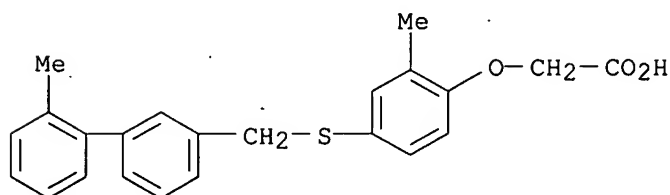
RN 648438-50-0 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[3'-methyl[1,1'-biphenyl]-3-yl)methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 648438-51-1 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[2'-methyl[1,1'-biphenyl]-3-yl)methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

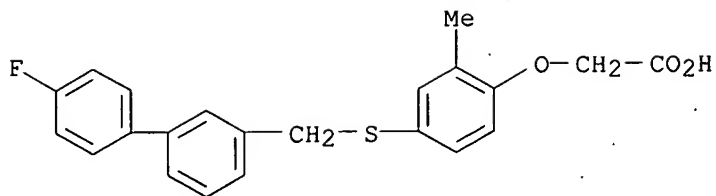


RN 648438-52-2 HCAPLUS

CN Acetic acid, [4-[[[4'-fluoro[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

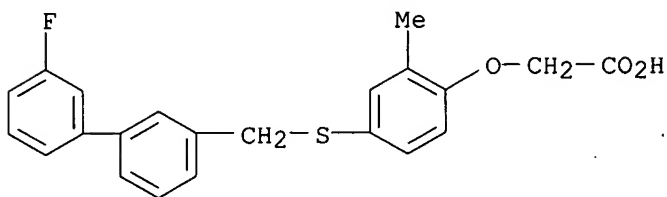
Updated Search

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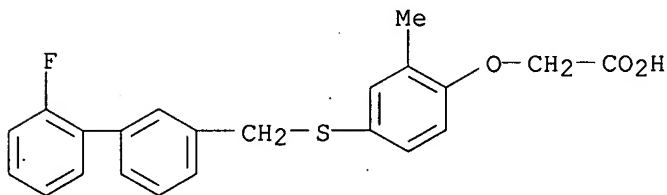
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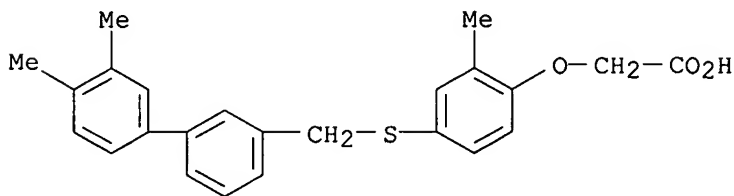
RN 648438-54-4 HCAPLUS

CN Acetic acid, [4-[(2'-fluoro[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 648438-61-3 HCAPLUS

CN Acetic acid, [4-[(2',4'-difluoro[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

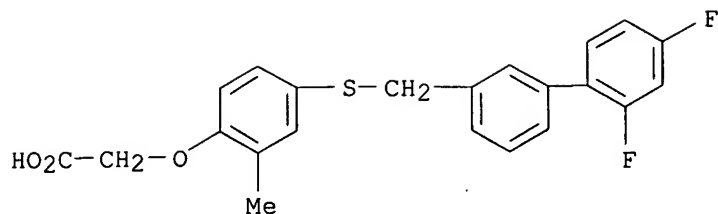


RN 648438-62-4 HCAPLUS

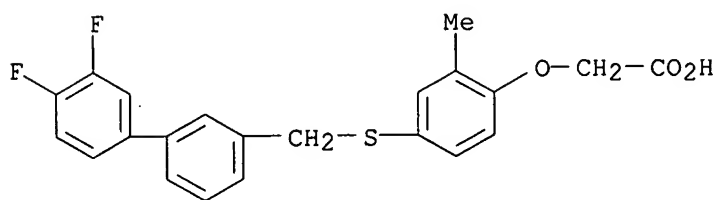
CN Acetic acid, [4-[(2',4'-difluoro[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Updated Search

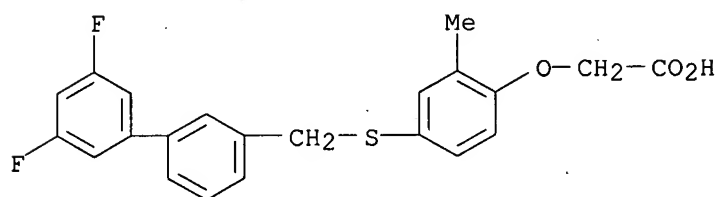
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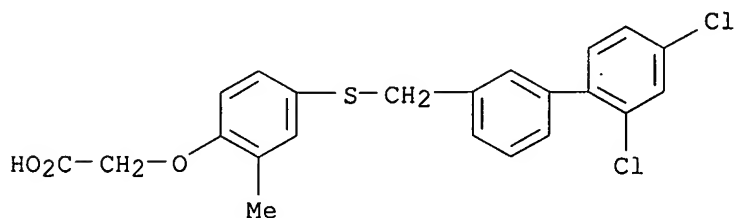
RN 648438-63-5 HCAPLUS
CN Acetic acid, [4-[[[3',4'-difluoro[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 648438-64-6 HCAPLUS
CN Acetic acid, [4-[[[3',5'-difluoro[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



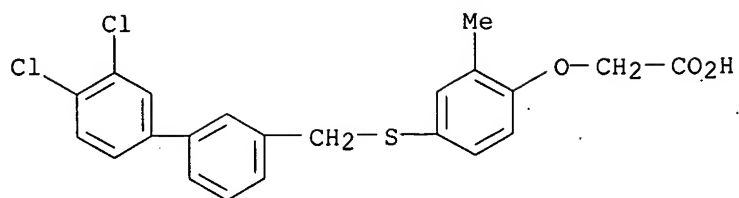
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CN Acetic acid, [4-[[[2',4'-dichloro[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



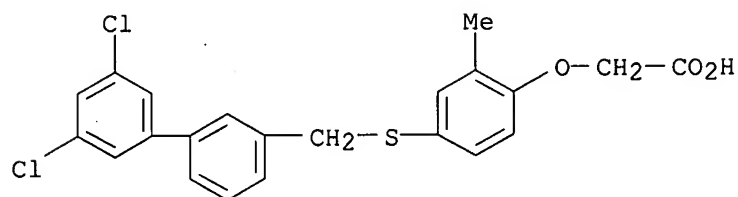
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CN Acetic acid, [4-[[[3',4'-dichloro[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Updated Search

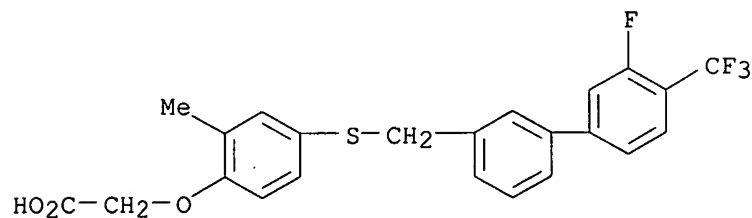
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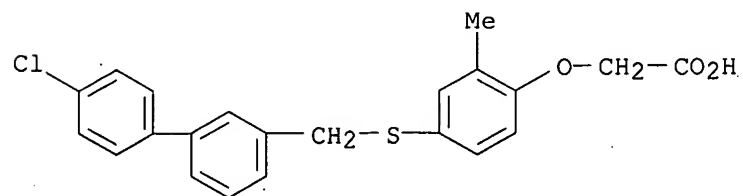
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CN Acetic acid, [4-[[[3',5'-dichloro[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 648438-68-0 HCAPLUS
CN Acetic acid, [4-[[[3'-fluoro-4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



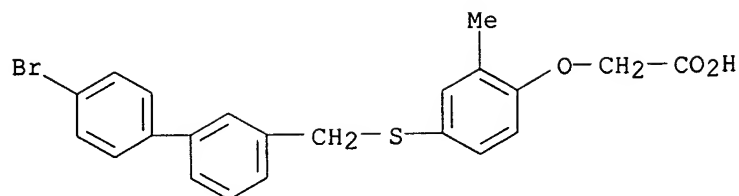
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CN Acetic acid, [4-[[[4'-chloro[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 648438-76-0 HCAPLUS
CN Acetic acid, [4-[[[4'-bromo[1,1'-biphenyl]-3-yl)methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

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REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 14 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:818386 HCAPLUS

DOCUMENT NUMBER: 139:323345

TITLE: Preparation of phenoxyacetic acids and indanyloxyacetic acids that modulate PPAR activity

INVENTOR(S): Filzen, Gary Frederick; Trivedi, Bharat Kalidas; Geyer, Andrew George; Unangst, Paul Charles; Bratton, Larry Don; Auerbach, Bruce Jeffrey

PATENT ASSIGNEE(S): Warner-Lambert Company LLC, USA

SOURCE: PCT Int. Appl., 246 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003084916	A2	20031016	WO 2003-IB1121	20030324
WO 2003084916	A3	20031224		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
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US 2003225158	A1	20031204	US 2003-347749	20030122
US 6875780	B2	20050405		
CA 2481246	AA	20031016	CA 2003-2481246	20030324
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EP 1494989	A2	20050112	EP 2003-708403	20030324
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BR 2003009169	A	20050125	BR 2003-9169	20030324
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US 2005113440	A1	20050526	US 2004-979629	20041102
US 6964983	B2	20051115		
US 2005153996	A1	20050714	US 2004-979617	20041102
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Updated Search

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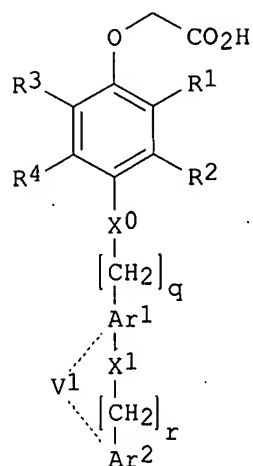
PRIORITY APPLN. INFO.:

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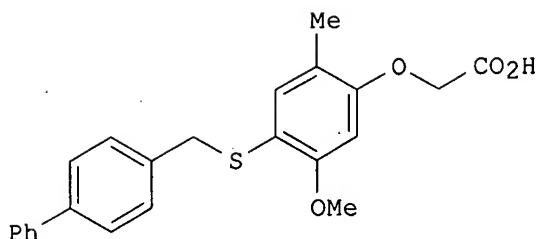
OTHER SOURCE(S):

MARPAT 139:323345

GI



I



II

AB The title compds. [I; X0, X1 = O, S, CH2, CH:CH, etc.; Ar1, Ar2 = (un)substituted (hetero)aryl, provided that Ar1 is not thiazolyl or oxazolyl; V1 is absent or V1 = (un)saturated (un)substituted hydrocarbon chain having 1-4 atoms; R1, R2 = H, alkyl, alkoxy, etc.; R3, R4 = H, alkyl, alkoxy, etc.; q, r = 0-6] that alter PPAR activity, were prepared and formulated. E.g., a 7-step synthesis of II (starting from 2-hydroxy-4-methoxybenzaldehyde) which showed EC50 of >0-300 nM against PPAR α and PPAR β , was given. The invention also discloses pharmaceutically acceptable compns. comprising the compds. I or their salts, and methods of using them as therapeutic agents for treating or preventing hyperlipidemia, hypercholesteremia, obesity, eating disorders, hyperglycemia, atherosclerosis, hypertriglyceridemia, hyperinsulinemia and diabetes in a mammal as well as methods of suppressing appetite and modulating leptin levels in a mammal.

IT 613238-23-6P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

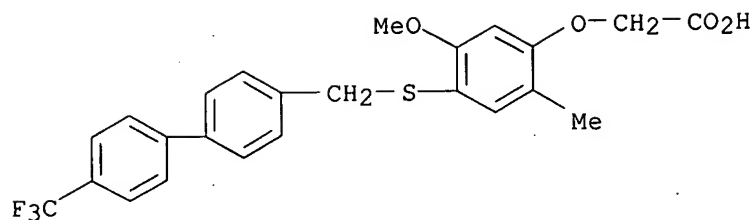
(preparation of phenoxyacetic acids and indanyloxyacetic acids that modulate PPAR activity)

RN 613238-23-6 HCAPLUS

CN Acetic acid, [5-methoxy-2-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Updated Search

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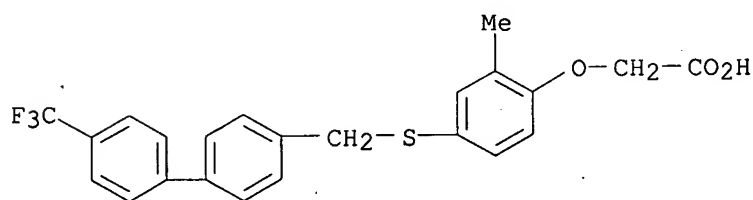
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613238-71-4P 613239-19-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of phenoxyacetic acids and indanyloxyacetic acids that modulate PPAR activity)

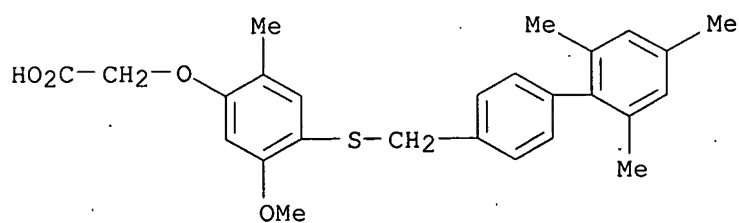
RN 613238-22-5 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 613238-24-7 HCAPLUS

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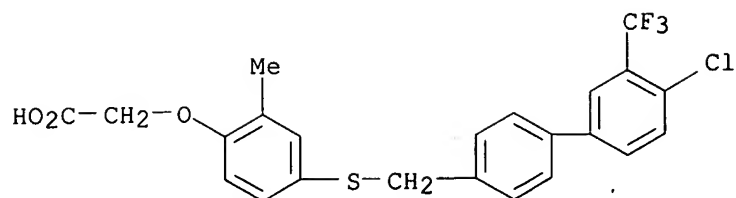


RN 613238-25-8 HCAPLUS

CN Acetic acid, [4-[[[4'-chloro-3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

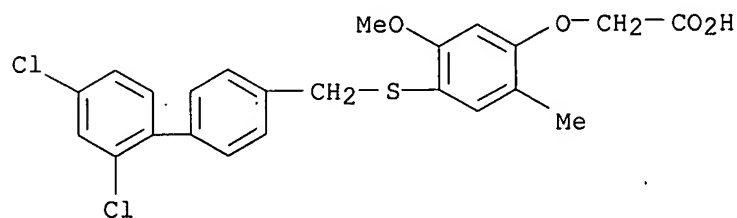
Updated Search

10518679



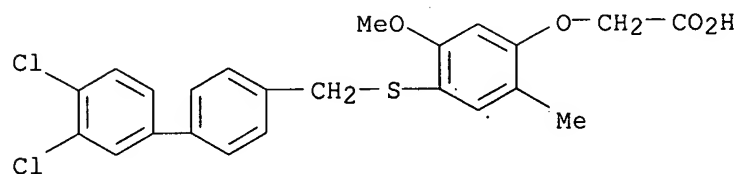
RN 613238-26-9 HCAPLUS

CN Acetic acid, [4-[[2,4'-dichloro[1,1'-biphenyl]-4-yl)methyl]thio]-5-methoxy-2-methylphenoxy]- (9CI) (CA INDEX NAME)



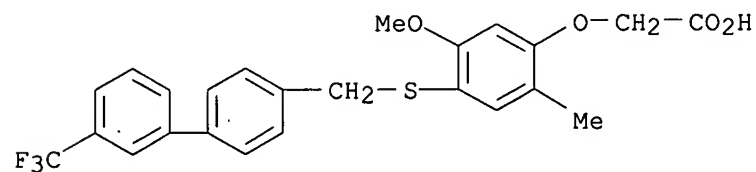
RN 613238-27-0 HCAPLUS

CN Acetic acid, [4-[[3,4'-dichloro[1,1'-biphenyl]-4-yl)methyl]thio]-5-methoxy-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 613238-28-1 HCAPLUS

CN Acetic acid, [5-methoxy-2-methyl-4-[[[3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

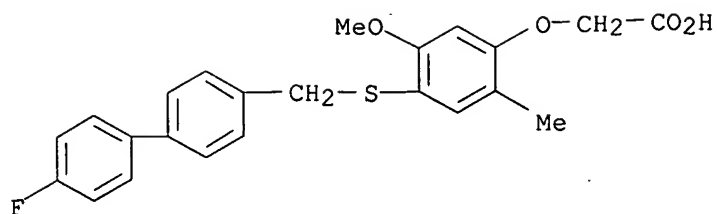


RN 613238-29-2 HCAPLUS

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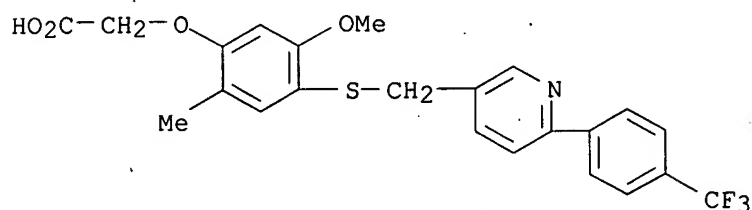
Updated Search

10518679



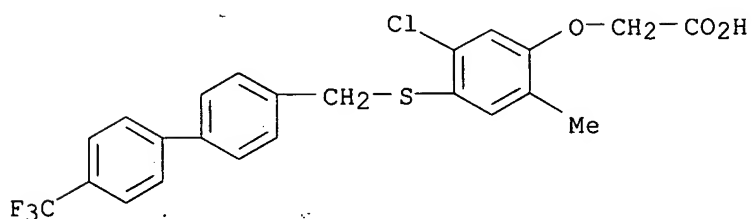
RN 613238-38-3 HCAPLUS

CN Acetic acid, [5-methoxy-2-methyl-4-[[[6-[4-(trifluoromethyl)phenyl]-3-pyridinyl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



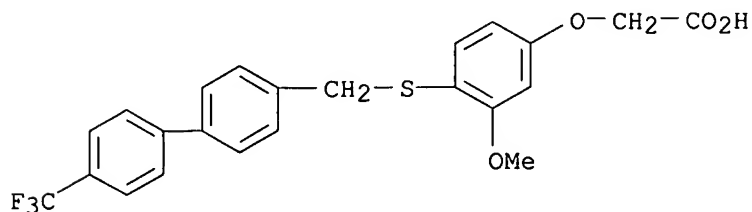
RN 613238-39-4 HCAPLUS

CN Acetic acid, [5-chloro-2-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 613238-40-7 HCAPLUS

CN Acetic acid, [3-methoxy-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

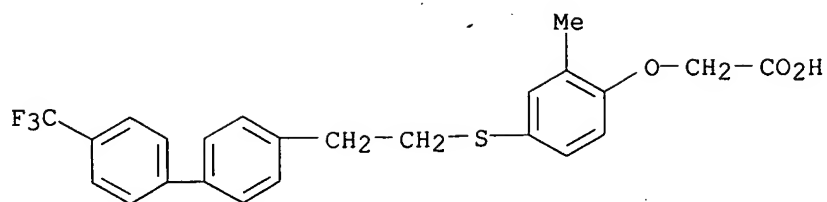


RN 613238-41-8 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[2-[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

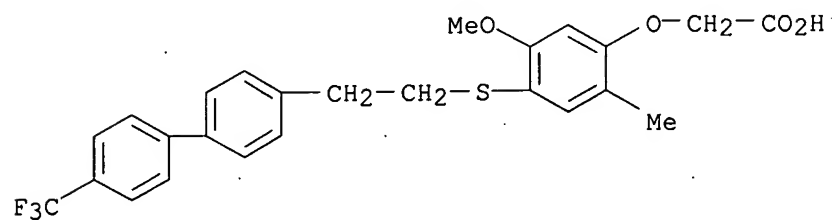
Updated Search

10518679



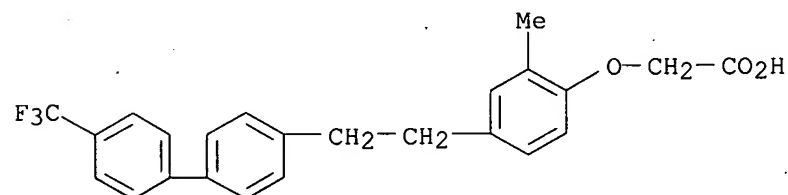
RN 613238-42-9 HCAPLUS

CN Acetic acid, [5-methoxy-2-methyl-4-[[2-[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



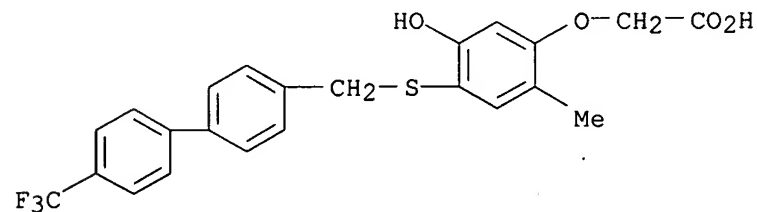
RN 613238-44-1 HCAPLUS

CN Acetic acid, [2-methyl-4-[2-[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]ethyl]phenoxy]- (9CI) (CA INDEX NAME)



RN 613238-57-6 HCAPLUS

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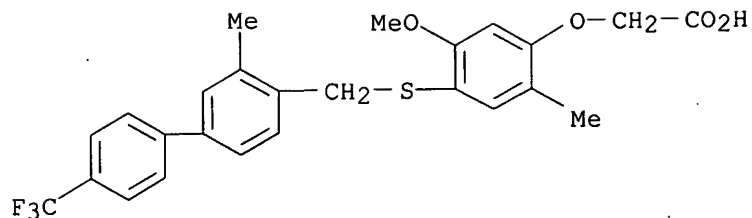


RN 613238-58-7 HCAPLUS

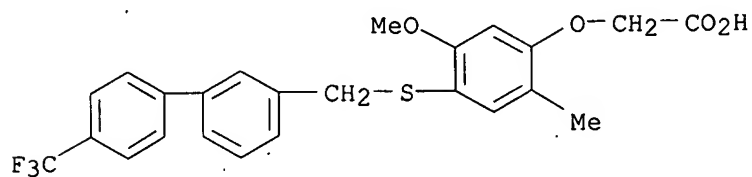
CN Acetic acid, [5-methoxy-2-methyl-4-[[[3-methyl-4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Updated Search

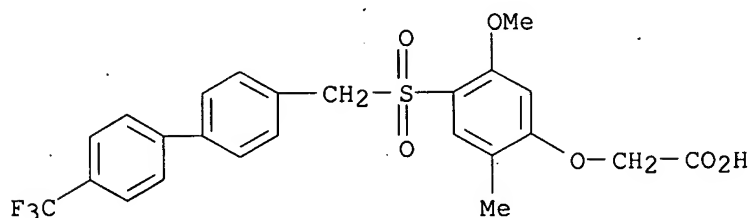
10518679



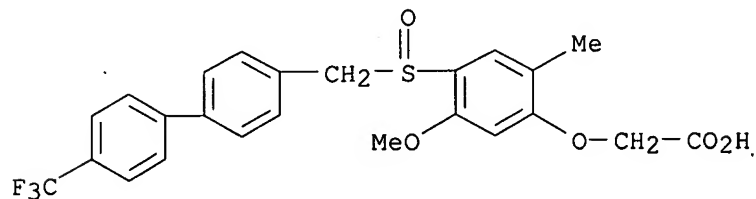
RN 613238-68-9 HCAPLUS
CN Acetic acid, [5-methoxy-2-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 613238-69-0 HCAPLUS
CN Acetic acid, [5-methoxy-2-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]sulfonyl]phenoxy]- (9CI) (CA INDEX NAME)



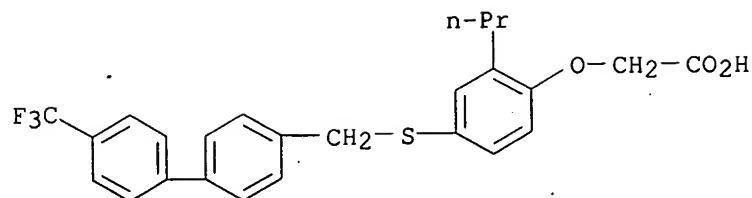
RN 613238-70-3 HCAPLUS
CN Acetic acid, [5-methoxy-2-methyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]sulfinyl]phenoxy]- (9CI) (CA INDEX NAME)



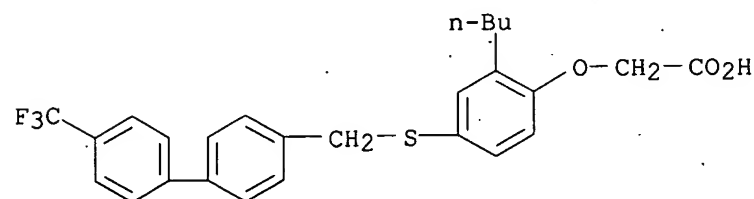
RN 613238-71-4 HCAPLUS
CN Acetic acid, [2-propyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Updated Search

10518679



RN 613239-19-3 HCAPLUS
CN Acetic acid, [2-butyl-4-[[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



L7 ANSWER 15 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:173582 HCAPLUS
DOCUMENT NUMBER: 138:221586
TITLE: Preparation of azoles as oral antidiabetic agents.
INVENTOR(S): Bigge, Christopher Franklin; Bridges, Alesander James; Casimiro-Garcia, Augustin; Fakhoury, Stephen Alan; Lee, Helen Tsenwei; Reed, Jessica Elizabeth; Schaum, Robert Philipp; Schlosser, Kevin Matthew; Sexton, Karen Elaine; Zhou, Hairong
PATENT ASSIGNEE(S): Warner Lambert Co., USA
SOURCE: PCT Int. Appl., 333 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003018553	A1	20030306	WO 2002-IB2843	20020715
WO 2003018553	C1	20040408		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2458621	AA	20030306	CA 2002-2458621	20020715
EP 1423363	A1	20040602	EP 2002-745739	20020715
EP 1423363	B1	20060419		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,			

Updated Search

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
BR 2002012069	A	20040720	BR 2002-12069 20020715
EE 200400075	A	20040816	EE 2004-75 20020715
HU 200401620	A2	20041129	HU 2004-1620 20020715
CN 1558897	A	20041229	CN 2002-821635 20020715
JP 2005504778	T2	20050217	JP 2003-523217 20020715
EP 1577305	A1	20050921	EP 2005-104581 20020715
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AT 323674	E	20060515	AT 2002-745739 20020715
US 2003171377	A1	20030911	US 2002-225716 20020822
ZA 2004000374	A	20050117	ZA 2004-374 20040119
BG 108597	A	20050331	BG 2004-108597 20040224
NO 2004000881	A	20040419	NO 2004-881 20040227
PRIORITY APPLN. INFO.:		US 2001-315728P	P 20010829
		US 2001-322123P	P 20010914
		US 2002-369788P	P 20020403
		EP 2002-745739	A3 20020715
		WO 2002-IB2843	W 20020715

OTHER SOURCE(S): MARPAT 138:221586

AB AXQYC(B)(D)ZE [A = (substituted) (fused) aryl, heteroaryl, cycloalkyl, heterocycloalkyl; X = CH₂O, CH₂CH₂O, (CH₂)₃, CH₂C.tplbond.C, CH₂CH:CH; Q = (substituted) (fused) aryl, heteroaryl; Y, Z = null, (CR₁R₂)_n, (CR₃R₄)_m; R₁-R₄ = H, halo, alkyl, OH, alkoxy; m, n = 1-3; B = H, halo, alkyl, haloalkyl, alkoxy; D = H, (substituted) arylamino, alkanoyl, PhCO, aryl, heteroaryl, cycloalkyl, heterocycloalkyl; E = COR₅; R₅ = alkyl, OH, alkoxy, amino, sulfonylamino, substituted heteroaryl, dioxothiazolyl, etc.; with provisos], were prepared Thus, (S)-tyrosine Me ester, 2,5-dimethoxytetrahydrofuran, and NaOAc were heated in aqueous HOAc at 100° for 20 min. to give 35% pyrrolotyrosine Me ester. This was stirred with 2-(5-methyl-2-phenyloxazol-4-yl)ethanol, Ph₃P, and di-Et azodicarboxylate in THF for 18 h to give 51% Me (S)-3-[4-[2-(5-methyl-2-phenyloxazol-4-yl)ethoxy]phenyl]-2-pyrrol-1-ylpropionate. The latter was stirred with LiOH in THF/H₂O to give 51% (S)-3-[4-[2-(5-methyl-2-phenyloxazol-4-yl)ethoxy]phenyl]-2-pyrrol-1-ylpropionic acid. In a 3T3-L1 adipocyte differentiation assay, title compds. at 5 μM showed 2-183% of the activity of BRL 49653 pos. control. A drug formulation is given.

IT 501027-86-7P 501027-87-8P 501027-94-7P
501027-95-8P 501027-98-1P 501027-99-2P
501028-00-8P 501028-01-9P 501028-02-0P
501028-03-1P 501028-04-2P 501028-05-3P
501028-06-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

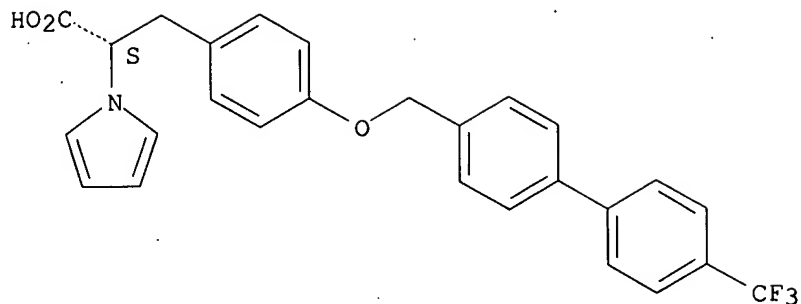
(claimed compound; preparation of azoles as oral antidiabetic agents)

RN 501027-86-7 HCAPLUS

CN 1H-Pyrrole-1-acetic acid, α-[[4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methoxy]phenyl]methyl]-, (αS)- (9CI) (CA INDEX NAME)

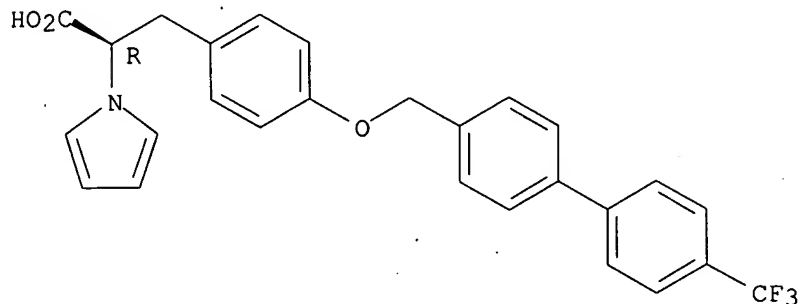
Absolute stereochemistry.

10518679



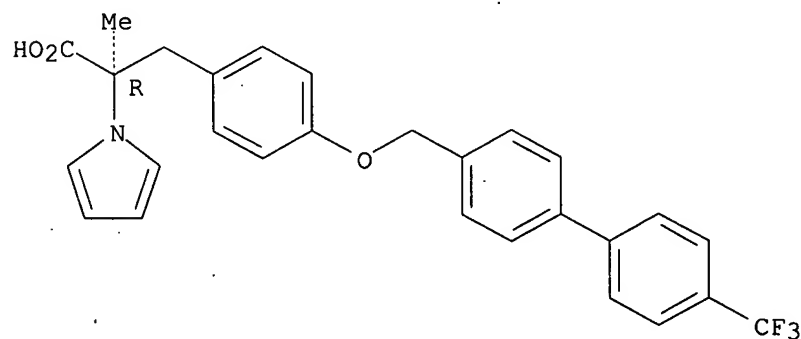
RN 501027-87-8 HCAPLUS
CN 1H-Pyrrole-1-acetic acid, α -[[4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methoxy]phenyl]methyl]-, (α R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 501027-94-7 HCAPLUS
CN 1H-Pyrrole-1-acetic acid, α -methyl- α -[[4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methoxy]phenyl]methyl]-, (α R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

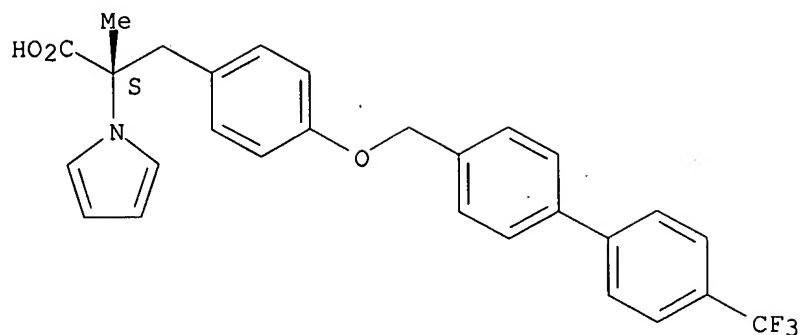


RN 501027-95-8 HCAPLUS
CN 1H-Pyrrole-1-acetic acid, α -methyl- α -[[4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methoxy]phenyl]methyl]-, (α S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

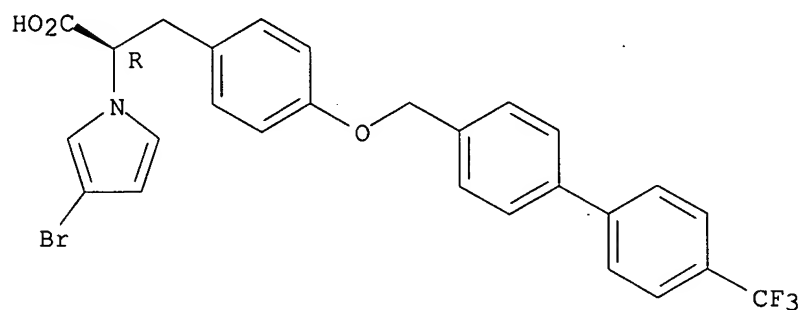
10518679



RN 501027-98-1 HCAPLUS

CN 1H-Pyrrole-1-acetic acid, 3-bromo- α -[[4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methoxy]phenyl]methyl]-, (α R)- (9CI) (CA INDEX NAME)

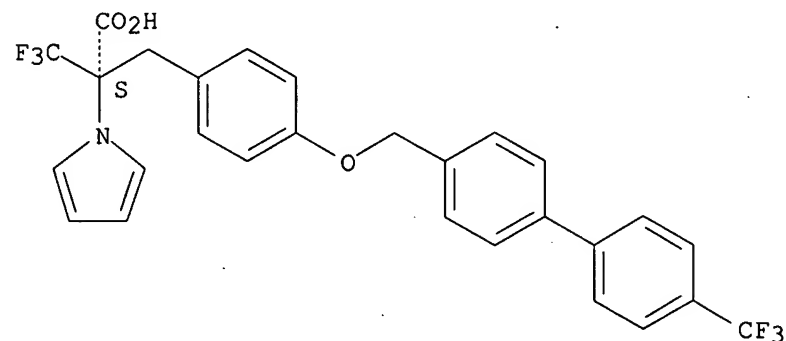
Absolute stereochemistry.



RN 501027-99-2 HCAPLUS

CN 1H-Pyrrole-1-acetic acid, α -(trifluoromethyl)- α -[[4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methoxy]phenyl]methyl]-, (α S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



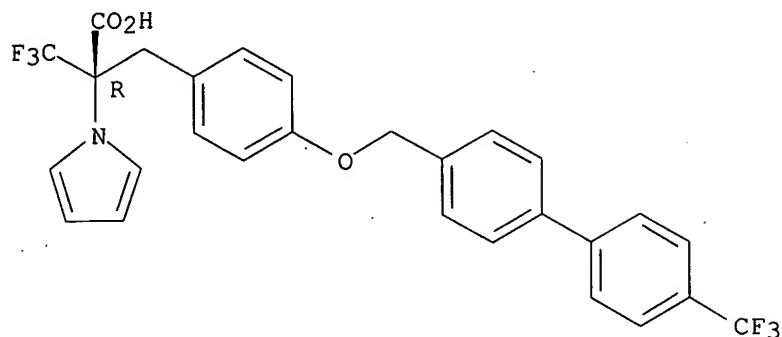
RN 501028-00-8 HCAPLUS

CN 1H-Pyrrole-1-acetic acid, α -(trifluoromethyl)- α -[[4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methoxy]phenyl]methyl]-, (α R)- (9CI) (CA INDEX NAME)

Updated Search

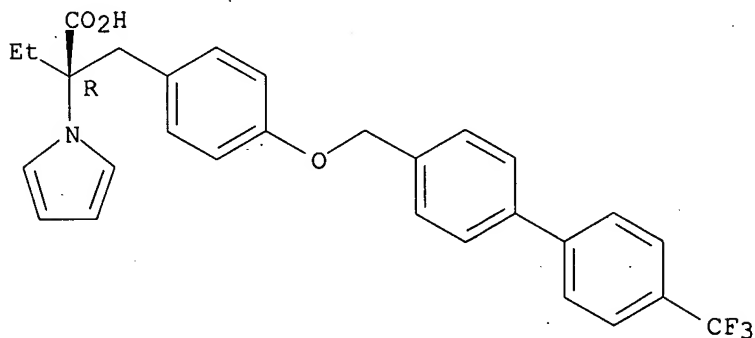
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Absolute stereochemistry.



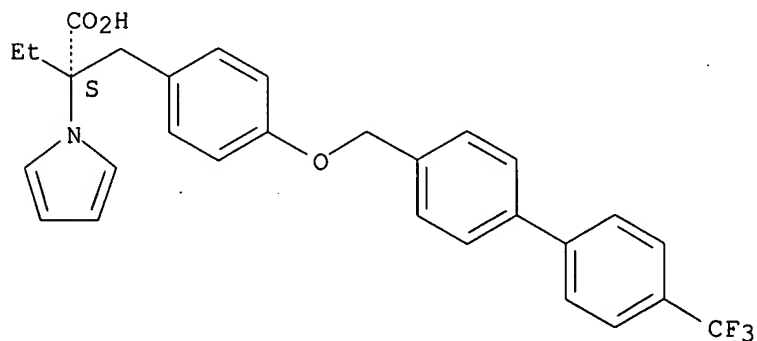
RN 501028-01-9 HCAPLUS
CN 1H-Pyrrole-1-acetic acid, α -ethyl- α -[[4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methoxy]phenyl]methyl]-, (α R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 501028-02-0 HCAPLUS
CN 1H-Pyrrole-1-acetic acid, α -ethyl- α -[[4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methoxy]phenyl]methyl]-, (α S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



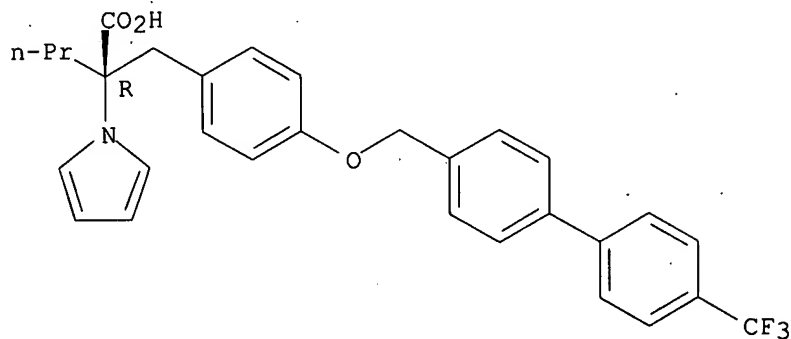
Updated Search

10518679

RN 501028-03-1 HCAPLUS

CN 1H-Pyrrole-1-acetic acid, α -propyl- α -[[4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methoxy]phenyl]methyl]-, (α R)-
(9CI) (CA INDEX NAME)

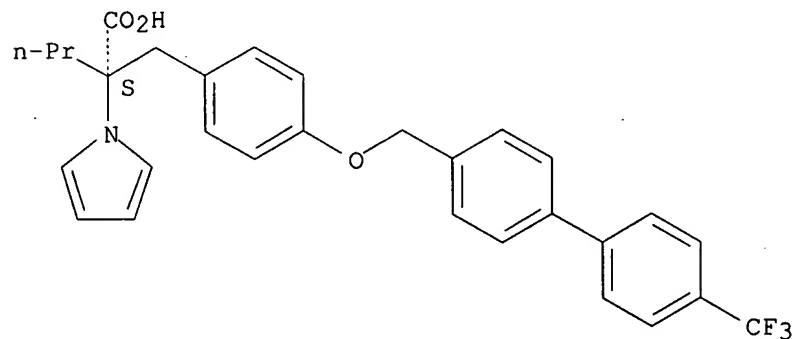
Absolute stereochemistry.



RN 501028-04-2 HCAPLUS

CN 1H-Pyrrole-1-acetic acid, α -propyl- α -[[4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methoxy]phenyl]methyl]-, (α S)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.



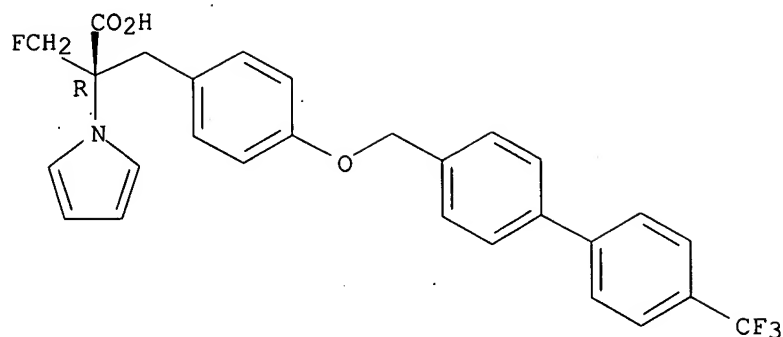
RN 501028-05-3 HCAPLUS

CN 1H-Pyrrole-1-acetic acid, α -(fluoromethyl)- α -[[4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methoxy]phenyl]methyl]-, (α R)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.

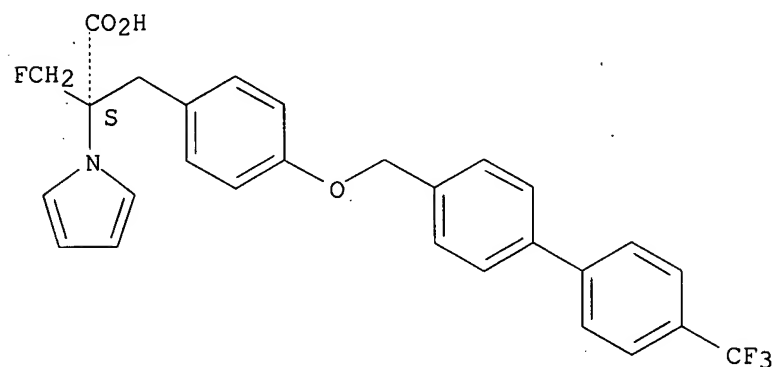
Updated Search

10518679



RN 501028-06-4 HCAPLUS
CN 1H-Pyrrole-1-acetic acid, α -(fluoromethyl)- α -[[4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methoxy]phenyl]methyl]-, (α S)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 16 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:154382 HCAPLUS

DOCUMENT NUMBER: 138:187795

TITLE: Preparation of aryl or heterocyclyl-substituted benzoic acid and alkanolic acid derivatives as antagonists of prostaglandin E2 (PEG2) receptors

INVENTOR(S): Tani, Kousuke; Asada, Masaki; Kobayashi, Kaoru; Narita, Masami; Ogawa, Mikio

PATENT ASSIGNEE(S): Ono Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 1009 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003016254	A1	20030227	WO 2002-JP8120	20020808
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				

Updated Search

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS,
 LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL,
 PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,
 UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
 NE, SN, TD, TG

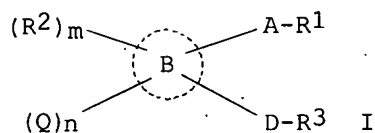
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EP 1431267	A1	20040623	EP 2002-755874	20020808
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BR 2002011810	A	20040824	BR 2002-11810	20020808
CN 1551866	A	20041201	CN 2002-817376	20020808
HU 200401963	A2	20050128	HU 2004-1963	20020808
NZ 531153	A	20051028	NZ 2002-531153	20020808
ZA 2004000973	A	20050104	ZA 2004-973	20040205
NO 2004000564	A	20040510	NO 2004-564	20040206
US 2006258728	A1	20061116	US 2004-486220	20040909

PRIORITY APPLN. INFO.:

JP 2001-241867 A 20010809
 WO 2002-JP8120 W 20020808

OTHER SOURCE(S):
 GI

MARPAT 138:187795



AB Carboxylic acid derivs. (I) and nontoxic salts thereof [wherein R1 = CO2H, CO2R4, CH2OH, COR5SO2R6, CONH2, CH2NR5SO2R6, CH2NR9COR10, CH2NR9CONR5SO2R6, CH2SO2NR9COR10, CH2O2CNR5SO2R6, tetrazole, 1,2,4-oxadiazol-5-one, 1,2,4-oxadiazol-5-thione, 1,2,4-thiadiazol-5-one, etc. (wherein R4 = C1-6 alkyl, hydroxy-C1-4 alkyl, C1-4 alkoxy-C1-4 alkyl, carboxy-C1-4 alkyl, etc.; R5, R9 = H, C1-6 alkyl; R6 = C1-6 alkyl, C3-15 mono-, di-, or tricyclic carbocyclic, 3- to 13-membered mono-, di-, or tricyclic heterocyclyl, etc.; R10 = H, R6); A = a single bond, C1-6 alkylene, C2-6 alkenylene, C2-6 alkynylene, etc.; the ring B = C3-12 mono- or dicyclic carbocyclic ring, 3- to 12-membered mono- or dicyclic heterocyclic ring; R2 = C1-6 alkyl, C1-6 alkoxy, C1-6 alkylthio, C2-6 alkenyl, C2-6 alkynyl, halo, CHF2, CF3, NO2, cyano, Ph, oxo; m, n = 0,1,2; Q = (C1-4 alkylene, C2-4 alkenylene, or C2-4 alkynylene)-Cyc2, -C1-4 alkylene-Z-Cyc3, amino-C1-4 alkyl, cyano-C1-4 alkyl, acylamino-C1-4 alkyl, 3- to 7-membered monocyclic carbocyclyl, 3- to 6-membered monocyclic heterocyclyl, etc. (wherein Cyc2, Cyc3 = C3-15 mono-, di-, or tricyclic carbocyclyl or heterocyclyl, etc.; Z = O, S, SO, SO2, NH, NHCO, etc.); D = an linking chain consisting of 1-2 or 3-6 of atoms selected from C, N, O, or S, etc.; R3 = C1-6 alkyl, C3-15 mono-, di-, or tricyclic carbocyclyl, 3- to 15-membered mono-, di-, or tricyclic heterocyclyl, etc.] are prepared These carboxylic acid derivs. include phenylpropanoic acid, phenylpropenoic acid, phenylpropanamide, phenylpropenamide, 3-oxoisindolin-1-ylacetic acid, benzylbenzoic acid, benzylaminoacetic acid, pyrazolylmethylbenzoic acid, benzoylaminoacetic acid, (pyrazolylmethylphenyl)propanoic acid, pyrazolylmethylpropanoic acid, (pyridinyloxyphenyl)propanoic acid,

phenoxyacetic acid, phenylbutanoic acid, (pyrazolylmethyl)propanamide, (piperazinylmethylphenyl)propanamide, (morpholinylmethylphenyl)propanamide, (pyridinyloxyphenyl)propanamide, (pyrazolylmethyl)propenamide (oxoimidazolidinylmethylphenyl)propanamide, (oxopyrrolidinylmethylphenyl)propenamide, (thiophenylmethylphenyl)propenamide, (pyrazolylmethylphenylamino)acetamide, (thiazolylaminomethylphenyl)propanamide, thiophenylpropenamide, (pyrazolylmethylphenoxy)acetamide, (phenoxyethyl)benzamide, (pyrazolylmethylphenylethyl)-1,2,4-oxadiazol-5-one, and (pyrazolylmethylphenylindolyl)acetic acid. Because of binding to PEG2 receptors, in particular, subtype EP3 and/or subtype EP4 and having antagonism, the compds. I are useful in preventing and/or treating diseases such as pain, allodynia, hyperalgesia, pruritus (itching), urticaria, atopic dermatitis, contact dermatitis, Urushi (Japanese lacquer tree) dermatitis, allergic conjunctivitis, symptoms during dialysis, asthma, rhinitis, allergic rhinitis, nasal congestion, sneeze, psoriasis, pollakiuria (increased urinary frequency), urination disorder, ejaculation (semination) disorder, fever (pyrexia), systemic inflammation reaction, learning disorder, Alzheimer's disease, neovascularization, cancer formation, cancer proliferation, cancer metastasis to organs, cancer metastasis to bone, hypercalcemia accompanied by cancer metastasis to bone, retinopathy, rubrum, erythema (rash), leucoma, skin moth-patch, heat burn, burn, steroid burn, kidney failure, nephropathy, acute or chronic nephritis, blood electrolyte disorder, imminent abortion, threatened abortion, excessive menstruation, dysmenorrhea, endometriosis, premenstrual syndrome, uterine gland myopathy, reproduction disorder, and stress. They are also useful in preventing and/or treating anxiety, depression, psychophysiol. disorder, mental retardation, thrombus, embolism, transient ischemic attack, cerebral infarction, atheroma, organ transplant, heart failure, hypertension, myocardial infarction, arteriosclerosis, circulation disorders or ulcers associated therewith, nerve disorders, vascular dementia, edema, diarrhea, constipation, biliary excretion disorder, ulcerative colitis, Crohn's disease, irritable bowel syndrome, reduction of rebound after using steroid drugs, aids for decreasing or removing steroid drugs, bone diseases, systemic granuloma, immune diseases, pyorrhea alveolaris, gingivitis, periodontal disease, nerve cell death, lung disorder, liver disorder, acute hepatitis, myocardial ischemia, Kawasaki disease, multiple organ failure, chronic headache, angiitis, venous failure, varicose vein (varicosis), anal fistula, diabetes insipidus, neonatal patent ductus arteriosus, and cholelithiasis. Thus, 4-hydroxymethyl-2-[2-(naphthalen-2-yl)ethoxy]cinnamic acid Et ester was mesylated by methanesulfonyl chloride in the presence of Et3N in THF at 0° for 15 min and condensed with pyrazole in the presence of NaH in DMF at 0° to give 2-[2-(naphthalen-2-yl)ethoxy]-4-(1-pyrazolylmethyl)cinnamic acid Et ester. 4-[2-[[2-(Naphthalen-1-yl)propanoyl]amino]-4-methylthiomethylphenyl]butanoic acid inhibited the binding of [3H]PGE2 to prostaglandin E2 (PEG2) receptor subtype EP1, EP2, EP3, and EP4 expressed in CHO cells with Ki of >10, >10, 0.27, and 0.038 μM, resp. A tablet formulation containing (2E)-2-[2-(naphthalen-2-yl)ethoxy]-4-(1-pyrazolylmethyl)cinnamic acid was described.

IT 499156-23-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

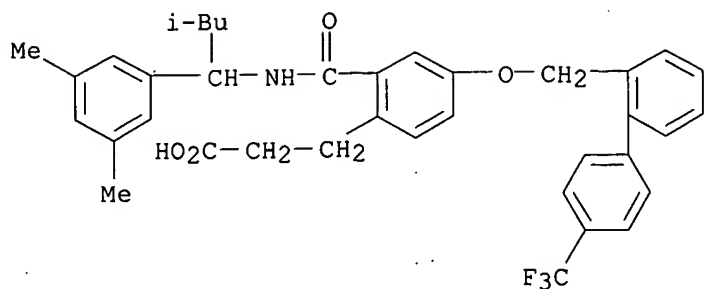
(preparation of aryl or heterocyclyl-substituted benzoic acid and alkanolic acid derivs. as antagonists of prostaglandin E2 (PEG2) receptors as therapeutic agents)

RN 499156-23-9 HCAPLUS

CN Benzenepropanoic acid, 2-[[[1-(3,5-dimethylphenyl)-3-methylbutyl]amino]carbonyl]-4-[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-

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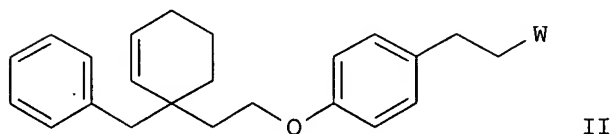
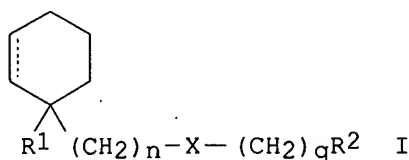
yl]methoxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 17 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1998:324838 HCAPLUS
 DOCUMENT NUMBER: 129:27815
 TITLE: Preparation of 2-disubstituted cyclohexenyl and cyclohexyl compounds as antimicrobial agents
 INVENTOR(S): Chen, Robert H.; Urbanski, Maud; Xiang, Min; Barrett, John Francis
 PATENT ASSIGNEE(S): Ortho Pharmaceutical Corp., USA
 SOURCE: U.S., 23 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5753715	A	19980519	US 1995-459447	19950602
ZA 9604511	A	19971201	ZA 1996-4511	19960531
PRIORITY APPLN. INFO.:			US 1995-459447	A 19950602
OTHER SOURCE(S):	CASREACT 129:27815; MARPAT 129:27815			
GI				



AB The title compds. [I; R1 = (un)branched C1-6 alkyl, C1-6 hydroxyalkyl, etc.; R2 = Ph, heterocyclic moiety, etc.; n = 1-6; q = 0-2; X = NH, O, S] are prepared I are useful antimicrobial agents. Thus, compound (II; W =

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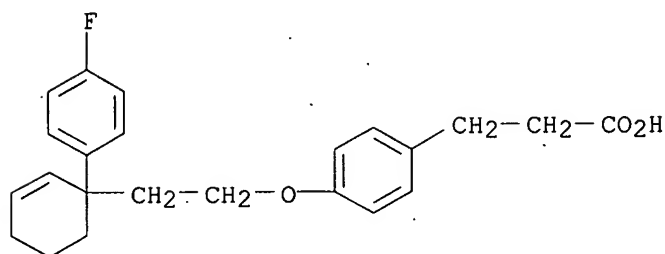
OSO2Me) (preparation given) was reacted with 1-(2-aminoethyl)pyrrolidine in EtOH and then treated with oxalic acid to give the title compound II (W = NHCH2CH2Y, Y = 1-pyrrolidyl) as an oxalate salt, which showed inhibition of autophosphorylation of kinase A and the transphosphorylation of ApoOF.

IT 201021-62-7P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 2-disubstituted cyclohexenyl and cyclohexyl compds. as antimicrobial agents)

RN 201021-62-7 HCAPLUS
CN Benzenepropanoic acid, 4-[2-[1-(4-fluorophenyl)-2-cyclohexen-1-yl]ethoxy]-, compd. with cyclohexanamine (1:1) (9CI) (CA INDEX NAME)

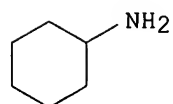
CM 1

CRN 201021-61-6
CMF C23 H25 F O3



CM 2

CRN 108-91-8
CMF C6 H13 N



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 18 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1998:28741 HCAPLUS
DOCUMENT NUMBER: 128:88665
TITLE: Preparation of 4-(cyclohexenylethoxy)benzenealkanamines and analogs as bactericides
INVENTOR(S): Chen, Robert H.; Urbanski, Maud; Xiang, Min; Barrett, John F.
PATENT ASSIGNEE(S): Ortho Pharmaceutical Corp., USA
SOURCE: PCT Int. Appl., 64 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English

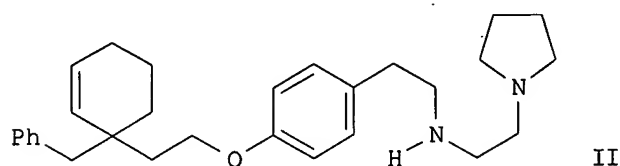
Updated Search

10518679

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9748675	A1	19971224	WO 1996-US10357	19960618
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9662801	A1	19980107	AU 1996-62801	19960618
PRIORITY APPLN. INFO.:			WO 1996-US10357	W 19960618
OTHER SOURCE(S):		MARPAT 128:88665		
GI				



AB R1Z1(CH2)nX(CH2)qR2 [I; R1 = (hydroxy)alkyl, (un)substituted phenyl(alkyl); R2 = substituted Ph or -heterocyclyl; X = O, S, NH; Z1 = e.g., 2-cyclohexen-1-ylidene; n = 1-6; q = 0-2], histidine protein kinase inhibitors, were prepared. Thus, 3-ethoxy-2-cyclohexenone was condensed with PhCH2MgCl and the reduced product etherified by PhCH2SOCH:CH2 to give PhCH2ZCH2CH2SOPh which was refluxed in decalin contg, Na2CO3 to give PhCH2Z1CH2CHO (Z1 = 2-cyclohexen-1-ylidene) which was converted in 5 steps to title compound II. Data for biol. activity of I were given.

IT 201021-62-7P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of 4-(cyclohexenylethoxy)benzenealkanamines and analogs as bactericides)

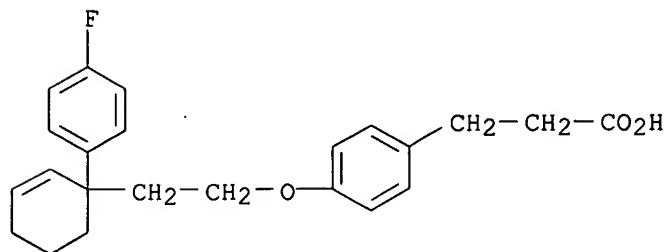
RN 201021-62-7 HCAPLUS

CN Benzenepropanoic acid, 4-[2-[1-(4-fluorophenyl)-2-cyclohexen-1-yl]ethoxy]-, compd. with cyclohexanamine (1:1) (9CI) (CA INDEX NAME)

CM. 1

CRN 201021-61-6

CMF C23 H25 F O3



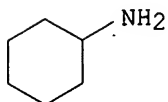
Updated Search

10518679

CM 2

CRN 108-91-8

CMF C6 H13 N



L7 ANSWER 19 OF 19 HCAPLUS. COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1994:592066 HCAPLUS

DOCUMENT NUMBER: 121:192066

TITLE: the influence of the liquid crystalline core geometry on the mesogenicity of novel chiral 2-(4-substituted-phenoxy)propanonitriles

AUTHOR(S): Booth, Christopher J.; Goodby, John W.; Hardy, Judith P.; Lettington, Olwen C.; Toyne, Kenneth J.

CORPORATE SOURCE: Sch. Chem., Univ. Hull, Hull, HU6 7RX, UK

SOURCE: Liquid Crystals (1994), 16(6), 925-40

CODEN: LICRE6; ISSN: 0267-8292

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The synthesis and characterization of 7 novel (R)-2-(4-substituted-phenoxy)propanonitriles are described. The propanonitriles were prepared to evaluate their potential use as thermochromics and ferroelec. dopants, as well as to determine their twist sense properties. The materials exhibit smectic and chiral nematic phases of high thermal stability; the mesogenic behavior of the nitriles is directly related to the type of 2-ring core unit employed. The effects of the different mol. geometries and polarizabilities of the liquid crystalline cores on mesophase stability are discussed, particularly in relation to other members of this series. The chiral nematic phase of the propanonitriles is assigned as having a left-handed twist sense from contact preparation studies, and this is in agreement with rules absolute configuration and mol. structure to helical twist sense.

IT 157788-48-2P 157788-49-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

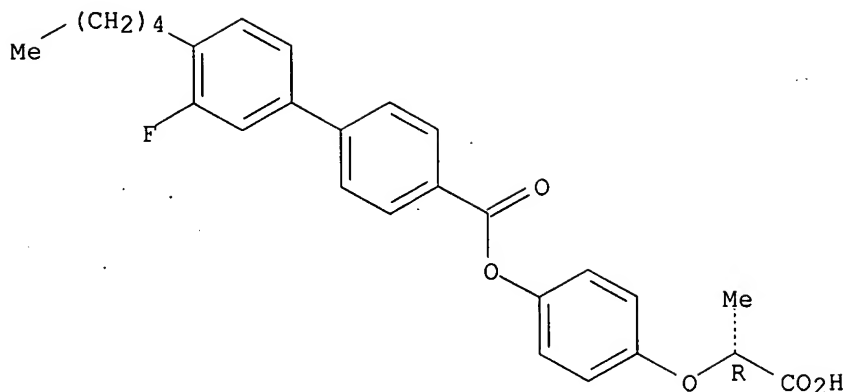
(preparation and nitrification of)

RN 157788-48-2 HCAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 3'-fluoro-4'-pentyl-, 4-(1-carboxyethoxy)phenyl ester, (R)- (9CI) (CA INDEX NAME)

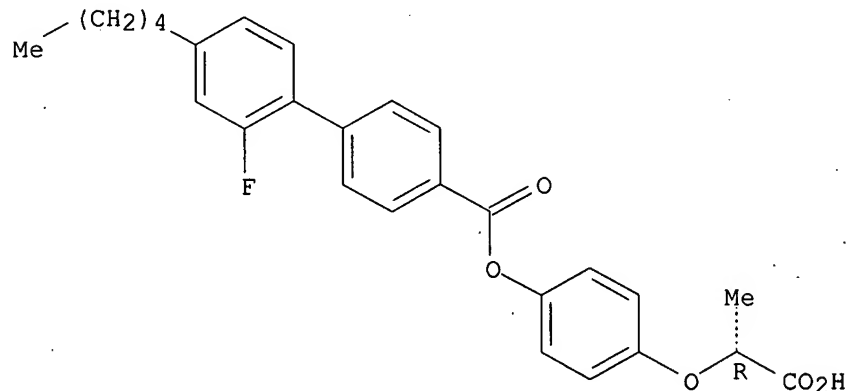
Absolute stereochemistry.

10518679



RN 157788-49-3 HCAPLUS
CN [1,1'-Biphenyl]-4-carboxylic acid, 2'-fluoro-4'-pentyl-,
4-(1-carboxyethoxy)phenyl ester, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> file caold
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
112.32	285.63

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
CA SUBSCRIBER PRICE

SINCE FILE	TOTAL
ENTRY	SESSION
-15.00	-15.00

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FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate
substance identification. Title keywords, authors, patent

Updated Search

10518679

assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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=> d his

(FILE 'HOME' ENTERED AT 01:16:31 ON 27 NOV 2006)

FILE 'REGISTRY' ENTERED AT 01:16:38 ON 27 NOV 2006

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 403 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 01:25:22 ON 27 NOV 2006

L4 20 S L3

L5 0 S L4 AND STEVENAGE, R?/AU

L6 1 S L4 AND BESWICK, P?/AU

L7 19 S L4 NOT L6

L8 0 S L7 AND GOSMINI, R?/AU

L9 0 S L7 AND GRIMES, R?/AU

L10 0 S L7 AND HAMLET, C?/AU

L11 0 S L7 AND HAMLETT, C?/AU

L12 0 S L7 AND KING, N?/AU

L13 0 S L7 AND PATEL, V?/AU

L14 0 S L7 AND BELL, R?/AU

FILE 'CAOLD' ENTERED AT 01:27:56 ON 27 NOV 2006

=> s l3

L15 0 L3

=> d his

(FILE 'HOME' ENTERED AT 01:16:31 ON 27 NOV 2006)

FILE 'REGISTRY' ENTERED AT 01:16:38 ON 27 NOV 2006

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 403 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 01:25:22 ON 27 NOV 2006

L4 20 S L3

L5 0 S L4 AND STEVENAGE, R?/AU

L6 1 S L4 AND BESWICK, P?/AU

L7 19 S L4 NOT L6

L8 0 S L7 AND GOSMINI, R?/AU

L9 0 S L7 AND GRIMES, R?/AU

L10 0 S L7 AND HAMLET, C?/AU

L11 0 S L7 AND HAMLETT, C?/AU

L12 0 S L7 AND KING, N?/AU

L13 0 S L7 AND PATEL, V?/AU

L14 0 S L7 AND BELL, R?/AU

Updated Search

10518679

FILE 'CAOLD' ENTERED AT 01:27:56 ON 27 NOV 2006
L15 0 S L3

=> file hcaplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.44	286.07

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-15.00

CA SUBSCRIBER PRICE

FILE 'HCAPLUS' ENTERED AT 01:28:08 ON 27 NOV 2006
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FILE COVERS 1907 - 27 Nov 2006 VOL 145 ISS 23
FILE LAST UPDATED: 26 Nov 2006 (20061126/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3/thu
20 L3
833110 THU/RL
L16 18 L3/THU
(L3 (L) THU/RL)

=> d l16 not l4
L4 IS NOT VALID HERE
For an explanation, enter "HELP DISPLAY".

=> d his

(FILE 'HOME' ENTERED AT 01:16:31 ON 27 NOV 2006)

FILE 'REGISTRY' ENTERED AT 01:16:38 ON 27 NOV 2006

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 403 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 01:25:22 ON 27 NOV 2006

L4 20 S L3
L5 0 S L4 AND STEVENAGE, R?/AU

Updated Search

10518679

L6 1 S L4 AND BESWICK, P?/AU
L7 19 S L4 NOT L6
L8 0 S L7 AND GOSMINI, R?/AU
L9 0 S L7 AND GRIMES, R?/AU
L10 0 S L7 AND HAMLET, C?/AU
L11 0 S L7 AND HAMLETT, C?/AU
L12 0 S L7 AND KING, N?/AU
L13 0 S L7 AND PATEL, V?/AU
L14 0 S L7 AND BELL, R?/AU

FILE 'CAOLD' ENTERED AT 01:27:56 ON 27 NOV 2006
L15 0 S L3

FILE 'HCAPLUS' ENTERED AT 01:28:08 ON 27 NOV 2006
L16 18 S L3/THU

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L17 2 L4 NOT L16

=> d 117, ibib abs hitstr, 1-2

L17 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:1019618 HCAPLUS
DOCUMENT NUMBER: 142:69141
TITLE: Methods of identifying non-specific inhibitors of
biomolecules
INVENTOR(S): Shoichet, Brian K.; McGovern, Susan L.
PATENT ASSIGNEE(S): Northwestern University, USA
SOURCE: U.S. Pat. Appl. Publ., 16 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004234942	A1	20041125	US 2002-171814	20020614
US 6887658	B2	20050503		

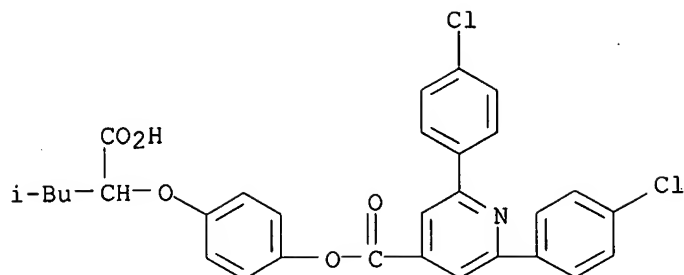
PRIORITY APPLN. INFO.: US 2001-298527P P 20010615

AB The invention provides methods of identifying compds. that non-specifically inhibit biol. reactions. The invention further includes kits that facilitate this identification. In addition, compilations of compds. for use in high throughput drug screening that have been evaluated by the disclosed methodol. are also part of the d invention. The invention provides methods for identifying a false pos. in a screening assay by measuring the activity of at least one biol. activity in the presence and absence of a small mol. compound capable of inhibiting aggregate formation, e.g., digitonin.

IT 813420-84-7
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(methods of identifying non-specific inhibitors of biomols.)

RN 813420-84-7 HCAPLUS

CN 4-Pyridinecarboxylic acid, 2,6-bis(4-chlorophenyl)-, 4-(1-carboxy-3-methylbutoxy)phenyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1994:592066 HCAPLUS

DOCUMENT NUMBER: 121:192066

TITLE: the influence of the liquid crystalline core geometry on the mesogenicity of novel chiral 2-(4-substituted-phenoxy)propanonitriles

AUTHOR(S): Booth, Christopher J.; Goodby, John W.; Hardy, Judith P.; Lettington, Olwen C.; Toyne, Kenneth J.

CORPORATE SOURCE: Sch. Chem., Univ. Hull, Hull, HU6 7RX, UK

SOURCE: Liquid Crystals (1994), 16(6), 925-40

CODEN: LICRE6; ISSN: 0267-8292

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The synthesis and characterization of 7 novel (R)-2-(4-substituted-phenoxy)propanonitriles are described. The propanonitriles were prepared to evaluate their potential use as thermochromics and ferroelec. dopants, as well as to determine their twist sense properties. The materials exhibit smectic and chiral nematic phases of high thermal stability; the mesogenic behavior of the nitriles is directly related to the type of 2-ring core unit employed. The effects of the different mol. geometries and polarizabilities of the liquid crystalline cores on mesophase stability are discussed, particularly in relation to other members of this series. The chiral nematic phase of the propanonitriles is assigned as having a left-handed twist sense from contact preparation studies, and this is in agreement with rules absolute configuration and mol. structure to helical twist sense.

IT 157788-48-2P 157788-49-3P

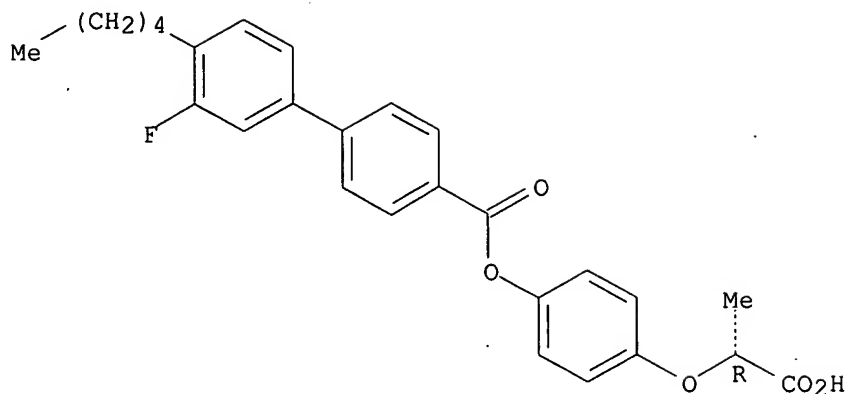
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation and nitrification of)

RN 157788-48-2 HCAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 3'-fluoro-4'-pentyl-, 4-(1-carboxyethoxy)phenyl ester, (R)- (9CI) (CA INDEX NAME)

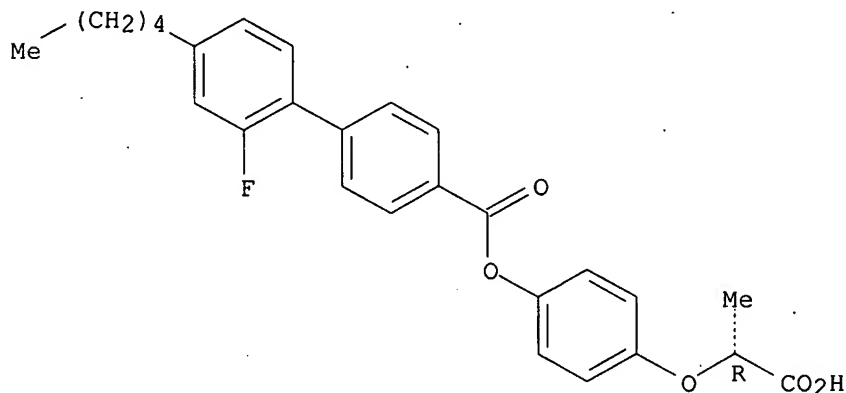
Absolute stereochemistry.

10518679



RN 157788-49-3 HCAPLUS
CN [1,1'-Biphenyl]-4-carboxylic acid, 2'-fluoro-4'-pentyl-,
4-(1-carboxyethoxy)phenyl ester, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> file reg		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.28	301.35
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.50	-16.50

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provided by InfoChem.

STRUCTURE FILE UPDATES: 24 NOV 2006 HIGHEST RN 913944-64-6
DICTIONARY FILE UPDATES: 24 NOV 2006 HIGHEST RN 913944-64-6

Updated Search

10518679

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

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conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>
Uploading C:\Documents and Settings\brobinson1\My
Documents\stnweb\Queries\dfdfkl.str

L18 STRUCTURE UPLOADED

=> s l18
SAMPLE SEARCH INITIATED 01:30:31 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 44386 TO ITERATE

4.5% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 875143 TO 900297
PROJECTED ANSWERS: 0 TO 0

L19 0 SEA SSS SAM L18

=> s l18 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 166.50 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 01:30:37 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 888904 TO ITERATE

98.8% PROCESSED 878521 ITERATIONS 3 ANSWERS

100.0% PROCESSED 888904 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.25

L20 3 SEA SSS FUL L18

=> d his

(FILE 'HOME' ENTERED AT 01:16:31 ON 27 NOV 2006)

FILE 'REGISTRY' ENTERED AT 01:16:38 ON 27 NOV 2006

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 403 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 01:25:22 ON 27 NOV 2006

Updated Search

10518679

L4 20 S L3
L5 0 S L4 AND STEVENAGE, R?/AU
L6 1 S L4 AND BESWICK, P?/AU
L7 19 S L4 NOT L6
L8 0 S L7 AND GOSMINI, R?/AU
L9 0 S L7 AND GRIMES, R?/AU
L10 0 S L7 AND HAMLET, C?/AU
L11 0 S L7 AND HAMLETT, C?/AU
L12 0 S L7 AND KING, N?/AU
L13 0 S L7 AND PATEL, V?/AU
L14 0 S L7 AND BELL, R?/AU

FILE 'CAOLD' ENTERED AT 01:27:56 ON 27 NOV 2006

L15 0 S L3

FILE 'HCAPLUS' ENTERED AT 01:28:08 ON 27 NOV 2006

L16 18 S L3/THU
L17 2 S L4 NOT L16

FILE 'REGISTRY' ENTERED AT 01:29:07 ON 27 NOV 2006

L18 STRUCTURE UPLOADED
L19 0 S L18
L20 3 S L18 FULL

=> s l20 not l3

L21 3 L20 NOT L3

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
167.82	469.17

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-16.50

CA SUBSCRIBER PRICE

FILE 'HCAPLUS' ENTERED AT 01:31:12 ON 27 NOV 2006

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FILE COVERS 1907 - 27 Nov 2006 VOL 145 ISS 23

FILE LAST UPDATED: 26 Nov 2006 (20061126/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

Updated Search

10518679

=> s 121

L22 2 L21

=> s 122 and bell, r?/au

2752 BELL, R?/AU

L23 0 L22 AND BELL, R?/AU

=> s 122 and beswick, p?/au

57 BESWICK, P?/AU

L24 0 L22 AND BESWICK, P?/AU

=> d 122, ibib abs hitstr, 1-2

L22 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:394829 HCAPLUS

DOCUMENT NUMBER: 142:463605

TITLE: Preparation aryloxyacetic acids and related compounds
as PPAR δ and PPAR α agonists

INVENTOR(S): Ackermann, Jean; Aebi, Johannes; Binggeli, Alfred;
Grether, Uwe; Hirth, Georges; Kuhn, Bernd; Maerki,
Hans-Peter; Meyer, Markus; Mohr, Peter; Wright,
Matthew Blake

PATENT ASSIGNEE(S): Hoffmann-La Roche Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 89 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

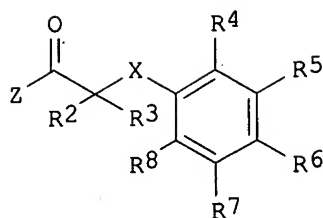
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

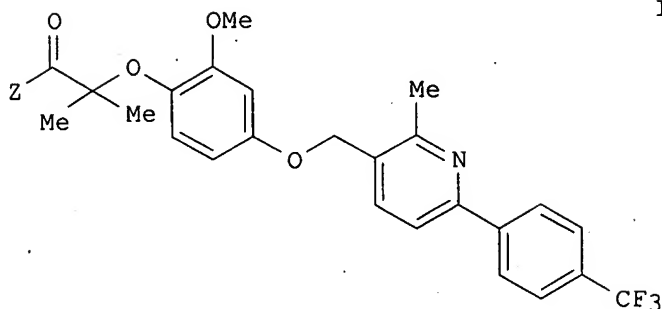
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005096337	A1	20050505	US 2004-978155	20041029
US 7115611	B2	20061003		
AU 2004291262	A1	20050602	AU 2004-291262	20041028
CA 2543249	AA	20050602	CA 2004-2543249	20041028
WO 2005049573	A1	20050602	WO 2004-EP12217	20041028
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1682508	A1	20060726	EP 2004-790987	20041028
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR			
NO 2006002135	A	20060524	NO 2006-2135	20060512
PRIORITY APPLN. INFO.:			EP 2003-104081	A 20031105
			EP 2004-100759	A 20040226
			WO 2004-EP12217	W 20041028
OTHER SOURCE(S):	MARPAT 142:463605			
GI				

Updated Search



I



II

AB Title compds. I [X = O, S, CH₂; R₁ = H, alkyl; R₂ = H, alkyl with provisos; R₃ = H, alkyl; R₄, R₈ = H, alkyl, cycloalkyl, etc.; R₅, R₆, R₇ = H, alkyl, cycloalkyl, etc.] and their pharmaceutically acceptable salts and formulations were prepared. For example, saponification of Et ester II (Z = OEt), afforded acid II (Z = OH) as a light yellow solid. In PPAR α receptor binding assays, 3-examples of compds. I exhibited IC₅₀ values ranging from 0.013-0.289 μ mol/l. Compds. I are claimed to be useful for the treatment of diseases modulated by PPAR δ and PPAR α agonist.

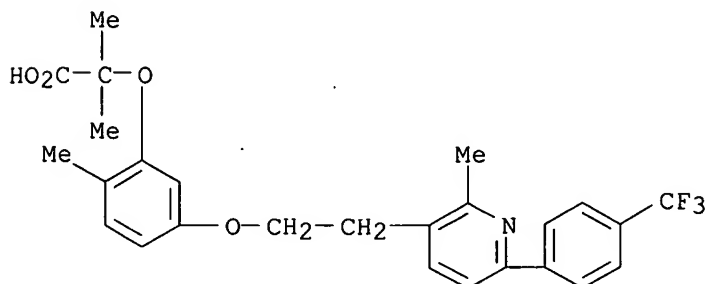
IT 851506-59-7P 851506-60-OP

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation aryloxyacetic acids and related compds. as PPAR δ and PPAR α agonists)

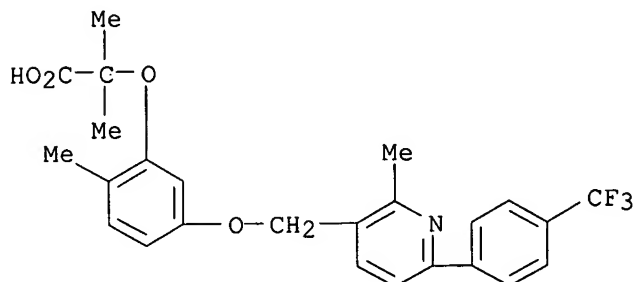
RN 851506-59-7 HCAPLUS

CN Propanoic acid, 2-methyl-2-[2-methyl-5-[2-[2-methyl-6-[4-(trifluoromethyl)phenyl]-3-pyridinyl]ethoxy]phenoxy]- (9CI) (CA INDEX NAME)



10518679

RN 851506-60-0 HCAPLUS
CN Propanoic acid, 2-methyl-2-[2-methyl-5-[[2-methyl-6-[4-(trifluoromethyl)phenyl]-3-pyridinyl]methoxy]phenoxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:97157 HCAPLUS

DOCUMENT NUMBER: 126:157280

TITLE: Preparation of aromatic alkanolic acid and alkanol derivatives as antithrombotics

INVENTOR(S): Hashizume, Hiroichi; Hagiwara, Masaki; Myamae, Tetsuhisa; Ogawa, Masaji; Ppongo, Tomoko; Morikawa, Tadanori

PATENT ASSIGNEE(S): Fuji Yakuhin Kogyo Kk, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 17 pp.

CODEN: JKXXAF

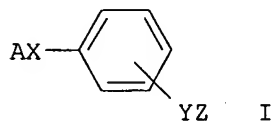
DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08333287	A2	19961217	JP 1995-158813	19950602
PRIORITY APPLN. INFO.:			JP 1995-158813	19950602
OTHER SOURCE(S):	MARPAT	126:157280		
GI				



AB The title compds. I [A = (un)substituted benzene, etc.; X, Y = (O- or N-containing) alkylene; Z = amino, OH, carboxyl, aminocarbonyl, etc.] are prepared The title compds. in vitro showed IC50 values of 0.068 to 15.3 μ M against thrombin-induced platelet aggregation.

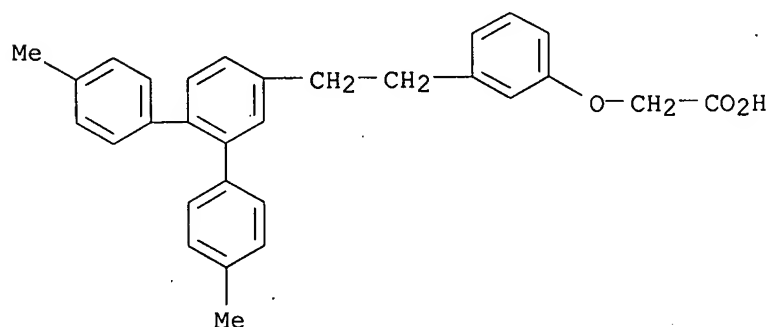
IT 185995-41-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

Updated Search

. 10518679

BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of aromatic alkanolic acid and alkanol derivs. as
antithrombotics)
RN 185995-41-9 HCAPLUS
CN Acetic acid, [3-[2-(4,4''-dimethyl[1,1':2',1''-terphenyl]-4'-
yl)ethyl]phenoxy]- (9CI) (CA INDEX NAME)



=> file caold
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
12.75	481.92

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
CA SUBSCRIBER PRICE

SINCE FILE	TOTAL
ENTRY	SESSION
-1.50	-18.00

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FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> d his

(FILE 'HOME' ENTERED AT 01:16:31 ON 27 NOV 2006)

FILE 'REGISTRY' ENTERED AT 01:16:38 ON 27 NOV 2006

Updated Search

- 10518679

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 403 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 01:25:22 ON 27 NOV 2006

L4 20 S L3
L5 0 S L4 AND STEVENAGE, R?/AU
L6 1 S L4 AND BESWICK, P?/AU
L7 19 S L4 NOT L6
L8 0 S L7 AND GOSMINI, R?/AU
L9 0 S L7 AND GRIMES, R?/AU
L10 0 S L7 AND HAMLET, C?/AU
L11 0 S L7 AND HAMLETT, C?/AU
L12 0 S L7 AND KING, N?/AU
L13 0 S L7 AND PATEL, V?/AU
L14 0 S L7 AND BELL, R?/AU

FILE 'CAOLD' ENTERED AT 01:27:56 ON 27 NOV 2006

L15 0 S L3

FILE 'HCAPLUS' ENTERED AT 01:28:08 ON 27 NOV 2006

L16 18 S L3/THU
L17 2 S L4 NOT L16

FILE 'REGISTRY' ENTERED AT 01:29:07 ON 27 NOV 2006

L18 STRUCTURE UPLOADED
L19 0 S L18
L20 3 S L18 FULL
L21 3 S L20 NOT L3

FILE 'HCAPLUS' ENTERED AT 01:31:12 ON 27 NOV 2006

L22 2 S L21
L23 0 S L22 AND BELL, R?/AU
L24 0 S L22 AND BESWICK, P?/AU

FILE 'CAOLD' ENTERED AT 01:31:39 ON 27 NOV 2006

=> s 121
L25 0 L21

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.44	482.36
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-18.00

FILE 'REGISTRY' ENTERED AT 01:31:47 ON 27 NOV 2006
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STRUCTURE FILE UPDATES: 24 NOV 2006 HIGHEST RN 913944-64-6
DICTIONARY FILE UPDATES: 24 NOV 2006 HIGHEST RN 913944-64-6

Updated Search

10518679

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\aqkm.str

L26 STRUCTURE UPLOADED

=> s l26

SAMPLE SEARCH INITIATED 01:32:53 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 44386 TO ITERATE

4.5% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**

PROJECTED ITERATIONS: 875143 TO 900297

PROJECTED ANSWERS: 0 TO 0

L27 0 SEA SSS SAM L26

=> s l26 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 166.50 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 01:33:00 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 888904 TO ITERATE

98.8% PROCESSED 878614 ITERATIONS 0 ANSWERS

100.0% PROCESSED 888904 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.25

L28 0 SEA SSS FUL L26

=>

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
167.82	650.18

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-18.00

CA SUBSCRIBER PRICE

Updated Search

10518679

FILE 'HCAPLUS' ENTERED AT 01:33:34 ON 27 NOV 2006
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FILE COVERS 1907 - 27 Nov 2006 VOL 145 ISS 23
FILE LAST UPDATED: 26 Nov 2006 (20061126/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s bell, r?/au and beswich, p?/au and gosmini, r?/au and grimes, r?/au and hamlett, c?/au and king, n?/au and patel, v?/au

2752 BELL, R?/AU
0 BESWICH, P?/AU
17 GOSMINI, R?/AU
570 GRIMES, R?/AU
2 HAMLETT, C?/AU
596 KING, N?/AU
1127 PATEL, V?/AU

L29 0 BELL, R?/AU AND BESWICH, P?/AU AND GOSMINI, R?/AU AND GRIMES, R?/AU AND HAMLETT, C?/AU AND KING, N?/AU AND PATEL, V?/AU

=> s bell, r?/au and beswick, p?/au and gosmini, r?/au and hamlett, c?/au and king, n?/au and patel, v?/au

2752 BELL, R?/AU
57 BESWICK, P?/AU
17 GOSMINI, R?/AU
2 HAMLETT, C?/AU
596 KING, N?/AU
1127 PATEL, V?/AU

L30 1 BELL, R?/AU AND BESWICK, P?/AU AND GOSMINI, R?/AU AND HAMLETT, C?/AU AND KING, N?/AU AND PATEL, V?/AU

=> d l30, ibib abs hitstr, 1

L30 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:2698 HCAPLUS

DOCUMENT NUMBER: 140:59519

TITLE: Preparation of (biphenylalkoxy)- and [(phenylpyridyl)alkoxy]-substituted phenylalkanoic acids and phenoxyalkanoic acids as hPPAR activators for treatment of cardiovascular disease and related disorders

INVENTOR(S): Hamlett, Christopher Charles Frederick;
Bell, Richard; Beswick, Paul John;

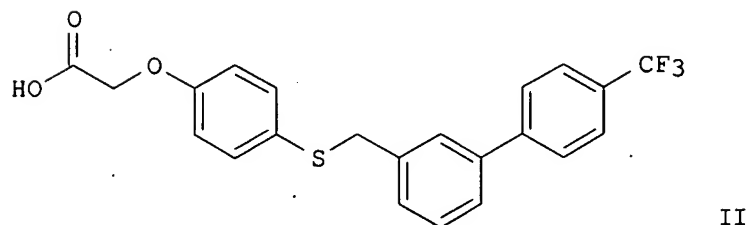
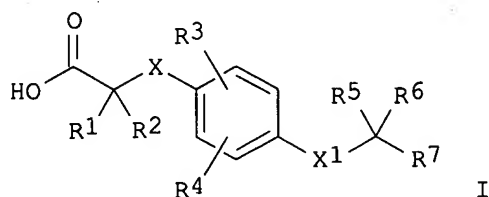
Updated Search

10518679

Gosmini, Romain Luc Marie; King, Nigel
 Paul; Patel, Vipulkumar Kantibhai
 PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA
 SOURCE: PCT Int. Appl., 158 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004000315	A1	20031231	WO 2003-EP6415	20030618
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2487909	AA	20031231	CA 2003-2487909	20030618
AU 2003245962	A1	20040106	AU 2003-245962	20030618
EP 1513526	A1	20050316	EP 2003-738056	20030618
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
BR 2003011931	A	20050405	BR 2003-11931	20030618
CN 1674897	A	20050928	CN 2003-819290	20030618
JP 2005534672	T2	20051117	JP 2004-514761	20030618
NZ 537210	A	20060929	NZ 2003-537210	20030618
NO 2004005328	A	20050309	NO 2004-5328	20041203
US 2006089394	A1	20060427	US 2005-518679	20050816
PRIORITY APPLN. INFO.:			GB 2002-14149	A 20020619
			WO 2003-EP6415	W 20030618

OTHER SOURCE(S): MARPAT 140:59519
 GI



AB Title compds. I [wherein R1 and R2 = independently H or alkyl; X = O or (CH₂)_n; n = 0-2; R3 R4 = independently H, alkyl, OMe, CF₃, allyl, or halo; X1 = O, S, SO₂, SO, or CH₂; R5 and R6 = independently H, (halo)alkyl, or alkoxyalkyl; or CR5R6 = cycloalkyl; R7 = (un)substituted Ph or 6-membered heteroaryl; and pharmaceutically acceptable salts, solvates, and hydrolyzable esters thereof] were prepared as human peroxisome proliferator activated receptor (hPPAR) activators. For example, a mixture of 3-(bromomethyl)-4'-(trifluoromethyl)biphenyl, Et (4-mercapto-2-methylphenoxy)acetate, and polymer-supported diisopropylethylamine in DCM was stirred at room temperature overnight to give the thioether.

Saponification of the ester with aqueous NaOH in THF and acidification afforded II. Compds. of the invention showed at least 50% activation of hPPAR δ relative to the pos. control at concns. of 10⁻⁷ M or less. Thus, I and their pharmaceutical compns. are useful for the treatment of hPPAR mediated conditions, such as dyslipidemia, syndrome X, heart failure, hypercholesterolemia, cardiovascular disease, type II diabetes mellitus, type I diabetes, insulin resistance, hyperlipidemia, obesity, anorexia bulimia, or anorexia nervosa (no data).

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT